

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Friday, August 19, 2022 WELL WORK PERMIT Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC POST OFFICE BOX 12359 SPRING, TX 773914954

Re: Permit approval for VERNON JOHNSON WTZ 401H 47-103-03520-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.

James A. Martin Chief-Operator's Well Number: Farm Name: U.S. WELL NUMBER: Horizontal 6A Date Issued: 8/19/2022

Promoting a healthy environment.

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API Number:

è

PERMIT CONDITIONS

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

••

4710303520 APINO. 47-009

WW-6B (04/15)

OPERATOR WELL NO. Vernon Johnson WIZ 401H Well Pad Name: Vernon Johnson WIZ

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

| | | | | 1 | 1 |
|---|---------------------------------------|--------------------------|---------------------------------------|-----------------|--|
| 1) Well Operator; SWN | Production Co., LLC | 494512924 | 103-Wetzel | 3-Clay | 438-Littleton |
| and the second second | · · · · · · · · · · · · · · · · · · · | Operator ID | County | District | Quadrangle |
| 2) Operator's Well Number | er: Vernon Johnson W | TZ 401H Well P | ad Name: Vern | on Johnso | in WTZ |
| 3) Farm Name/Surface Ov | vner: Vernon S. Johnso | n Estate Public Re | bad Access: Ric | e Ridge R | oad |
| 4) Elevation, current groun | nd: 1432' I | Elevation, propose | d post-construct | ion: 1432 | |
| 5) Well Type (a) Gas Other | ×Oil | Un | derground Stora | ge | |
| (b)If Gas | Shallow X | Deep | | | |
| | Horizontal × | | | | a |
| 6) Existing Pad: Yes or No | Yes 🖌 | | | | |
| 7) Proposed Target Forma Target Formation- Marcellus, Up-I | 1 | | · · · · · · · · · · · · · · · · · · · | | |
| 1. | | 5 TVD- 7670, Target base | TVD-7719, Anticipated | J Thickness- 49 | , Associated Pressure- 5017 |
| 8) Proposed Total Vertical | Depth: 7697' | | | | |
| 9) Formation at Total Vert | ical Depth: Marcellu | IS | | | |
| 10) Proposed Total Measu | red Depth: 30205' | / | | | |
| 11) Proposed Horizontal L | eg Length: 20387.5 | 6' | | | |
| 12) Approximate Fresh W | ater Strata Depths: | 440' | | | |
| 13) Method to Determine | Fresh Water Depths: | Salinity Profile and Ne | arby Logs from Vern | on Johnson V | VTZ 10H API 47-103-02714 |
| 14) Approximate Saltwate | r Depths: 1795' Salin | nity Profile analysi | s and nearby log | gs | |
| 15) Approximate Coal Sea | m Depths: 1277' | | | | |
| 16) Approximate Depth to | Possible Void (coal n | nine, karst, other): | None that we | are aware | e of. |
| 17) Does Proposed well lo directly overlying or adjac | | | No | x | |
| (a) If Yes, provide Mine | Info: Name: | | | | |
| | Depth: | | | | n of Cal and Cas |
| | Seam: | | | J | UL 1 4 2022 |
| | Owner: | | | VA. | V Department of onmental Protection |
| | | | | Envi | Mane. |

4710303520 API NO. 47- 009

OPERATOR WELL NO. Vernor Johnson WTZ 401H

Well Pad Name: Vernon Johnson WTZ

WW-6B (04/15)

18)

CASING AND TUBING PROGRAM

| TYPE | Size (in) | <u>New</u> <u>or</u> <u>Used</u> | Grade | <u>Weight per ft.</u> (<u>lb/ft)</u> | <u>FOOTAGE: For</u> <u>Drilling (ft)</u> | INTERVALS: Left in Well (ft) | <u>CEMENT:</u> <u>Fill-up</u> (Cu. Ft.)/CTS |
|--------------|--------------|--|----------|--|---|--|---|
| Conductor | 20" | New | J-55 | 94# | 126' | 126' 🧹 | CTS |
| Fresh Water | 13 3/8" | New | J-55 | 54.4# | 490' | 490' - | 596 sx/CTS |
| Coal | See | Interm | Casing | | | and the second sec | |
| Intermediate | 9 5/8" | New | J-55 | 36# | 0' | 2600' < | 1522 sx/CTS |
| Intermediate | 9 5/8" | New | J/K-55 | 40# | 2600' | 3089' - | - |
| Production | 6" | New | P-110 | 24.5# | 0' | 5000' | - |
| Production | 5 1/2" | New | P-110 HP | 20# | 5000' | 30205' > | Tail 5293sx/ 100" Inside Intermediate |

Jumit E. Buyalda 7-7-22

| ТҮРЕ | Size (in) | Wellbore Diameter (in) | <u>Wall</u> <u>Thickness</u> (in) | Burst Pressure (psi) | Anticipated Max. Internal Pressure (psi) | <u>Cement</u> <u>Type</u> | <u>Cement</u> <u>Yield</u> (cu. ft./k) |
|--------------|-----------|---------------------------|---|-------------------------|--|------------------------------|--|
| Conductor | 20" | 30" | 0.25 | 2120 | 81 | Class A | 1.20/30% Excess |
| Fresh Water | 13 3/8" | 17.5" | 0.380 | 2730 | 633 | Class A | 1.20/30% Excess |
| Coal | See | Interm | Casing | | | | |
| Intermediate | 9 5/8" | 12 1/4" | 0.395 | 3950 | 1768 | Class A | 1.19/40% Excess |
| Production | 5 1/2" | 8 3/4"-8 1/2" | 0.361 | 14360 | 10500 | Class A | 1.19/5% Excess |
| Tubing | | | | | | | |
| Liners | | | | | | | |

PACKERS

| Kind: | |
|-------------|--|
| Sizes: | RECEIVED Office of Oil and Gas |
| Depths Set: | JUL 1 4 2022 |
| | Wid Department of Environmental Protect |



WW-6B (10/14)

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and stimulate any potential zones between and including the Benson to Marcellus. **If we should encounter a void place basket above and below void area- balance cement to bottom of void and grout from basket to surface or run external casing packer/cementing stage tool above void interval and perform 2 stage cementing operation dependent upon depth of void. Run casing not less than 20' below void nor more than 75' below void. (*If freshwater is encountered deeper than anticipated it must be protected, set casing 50' below and cts.)

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Well will be perforated within the target formation and stimulated with a slurry of water, sand, and chemical additives at a high rate. This will be performed in stages with the plug and perf method along the wellbore until the entire lateral has been stimulated within the target formation. All stage plugs are then drilled out and the well is flowed back to surface. In some instances, additional toe prep may be performed by pumping additional water in the toe of the well prior to perforating and pumping Stage 1 to ensure that the toe guns/toe sleeves are fully open prior to pumping stage 1. The well is produced through surface facilities consisting of high pressure production unites, horizontal separation units, water and oil storage tanks. Max press and anticipated max rate- 12,500 psi @ 100 barrels a minute.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 8.4

22) Area to be disturbed for well pad only, less access road (acres): 5.9

23) Describe centralizer placement for each casing string:

All casing strings will be ran with a centralizer at a minimum of 1 per every 3 joints of casing.

24) Describe all cement additives associated with each cement type:

See Attachment ***

25) Proposed borehole conditioning procedures:

All boreholes will be conditioned with circulation and rotation for a minimum of one bottoms up and continuing until operator is satisfied with borehole conditions.

RECEIVED Office of Oil stid Gas

JUL 1 4 2022

WV Department of Environmental Protection

> Page 3 of 3 08/26/2022

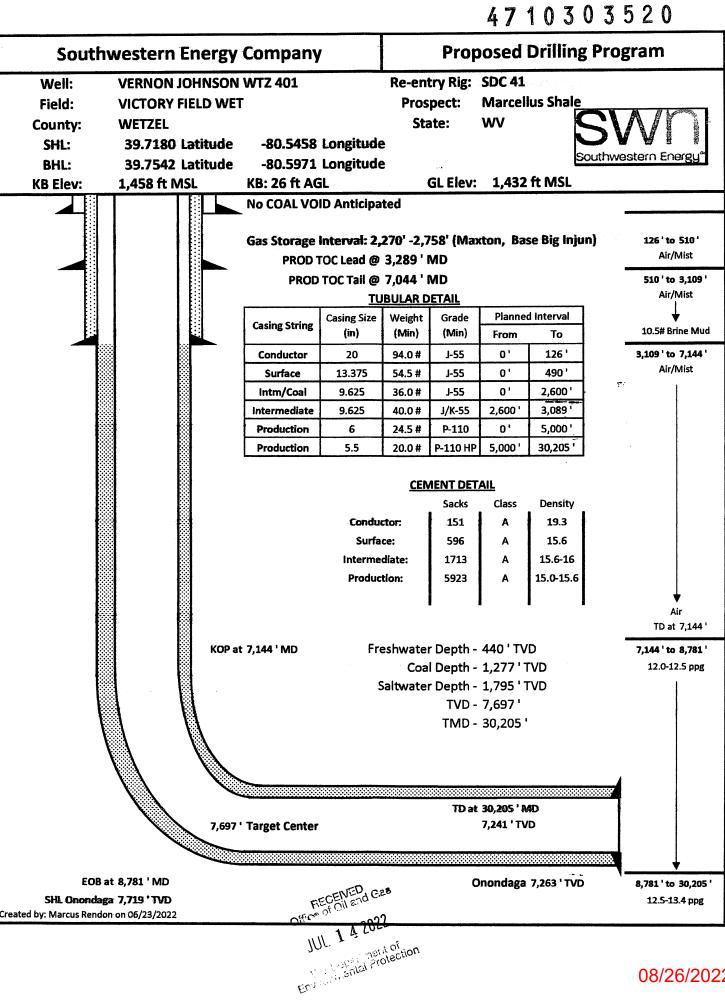
*Note: Attach additional sheets as needed.

| | | | CEMENT A | ADDITIVES 4 | 7103035 | 20 |
|-------------------------|---------------------------------|---|----------------------------|-------------------------------------|---|------------|
| INTERVAL | SCHLUMBERGER PRODUCT NAME | BJ PRODUCT NAME | NEXTIER PRODUCT NAME | PRODUCT USE | CHEMICAL NAME | CAS-Number |
| SURFACE (FRESHWATER) | \times | INTEGRA SEAL | C1600 | LOST CIRC MATERIAL | CELLOPHANE FLAKES | 9005-81-6 |
| up to 3% | S001 | A-7P | CJ110 | ACCELERATOR | CALCIUM CHLORIDE | 10043-52-4 |
| COAL PROTECTION | \ge | INTEGRA SEAL | CJ600 | LOST CIRC MATERIAL | CELLOPHANE FLAKES | 9005-81-6 |
| up to 3% | S001 | A-7P | CJ110 | ACCELERATOR | CALCIUM CHLORIDE | 10043-52-4 |
| | D020 | BENTONITE | CJ020 | EXTENDER | BENTONITE | 1302-78-9 |
| | D047 | FP 28L | \succ | LIQUID ANTIFOAM AGENT | POLYPROPYLENE GLYCOL | 25322-69-4 |
| INTERMEDIATE | \ge | INTEGRA SEAL | C1600 | LOST CIRC MATERIAL | CELLOPHANE FLAKES | 9005-81-6 |
| CemNet | | \times | \bowtie | LOST CIRC MATERIAL | COATED FIBERGLASS FIBERS | PROPRIETAR |
| | SUGAR | SUGAR | CJ795 | CMT RETARDER | SUCROSE | 57-50-1 |
| | S001 | A-7P | CJ110 | ACCELERATOR | CALCIUM CHLORIDE | 10043-52-4 |
| 1 | > | $>\!$ | CJ111 | ACCELERATOR | SODIUM CHLORIDE | 7440-23-5 |
| | \ge | SS-11W | CJ880 | SURFACTANT | NONIONIC SURFACTANT | 6540-99-4 |
| | D047 | FP 28L | \boxtimes | LIQUID ANTIFOAM AGENT | POLYPROPYLENE GLYCOL | 25322-69-4 |
| | \ge | \ge | CJX157011 | SOLID ANTIFOAM AGENT | FULLERS EARTH(ATTAPULGITE) | 8031-18-3 |
| | \ge | \times | CJ540 | HP FLUID LOSS ADDITIVE | ALIPHATIC AMIDE POLYMER | PROPRIETAR |
| PRODUCTION | D255 | X | \times | MED TEMP FLUID LOSS ADDITIVE | POLYACRILIC POLYMER | PROPRIETAR |
| | > | > | CJ213 | RETARDER | CHRYSTALLINE SILICA | 14808-60-7 |
| | > | FL-66 | CJ501 | LOW TEMP FLUID LOSS ADD | POWDERED POLYSACCHARIDE | PROPRIETAR |
| | > | BENTONITE | CJ020 | EXTENDER | BENTONITE | 1302-78-9 |
| | D208 | ASA-301 | \times | VISCOSIFIER/ANTI- SETTLING AGENT | REFINED POLYMER/ CHRYSTALLINE SILICA | PROPRIETAR |
| | D198 | R-3 | | CEMENT RETARDER | LIGNIN | 8068-51-6 |
| | SUGAR | SUGAR | CJ795 | CEMENT RETARDER | SUCROSE | 57-50-1 |

RECEIVED Office of Oland Gas

JUL 1 4 2022

WV Depairment of Environmental Protection



| 4 | 7 | 1 | 0 | X | 0 | Z | R | 0 | n |
|-----|---|---|----|---|----|------|-----|------|---|
| .0. | 4 | | 13 | 1 | Υ. | rid. | 1.8 | Same | V |

| W | y | v-9 |
|-----|---|-----|
| (4) | 1 | 6) |

API Number 47 - 103 -

Operator's Well No. Vernon Johnson WTZ 401H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

| OP Code _494512924 |
|---|
| adrangle Littleton |
| proposed well work? Yes 🖌 No |
| |
| If so, what ml.? |
| |
| |
| r Various Approved Facilities) |
|) |
| lisposal location) |
| site |
| r, freshwater, oil based, etcай drill to КОР, fluid drill with SOBM from КОР to TD il Base |
| |
| etclandfill |
| cement, lime, sawdust) |
| nort Creek SWF-1034,Carbon Limestone MSWL018781, Wetzel County 1021 |
| |
| |

law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

| Company Official Signature KAttany March | NECEIVED Office of Oil and Gas |
|---|---|
| Company Official (Typed Name) Brittany Woody | 1 4 2022 |
| Company Official Title Senior Regulatory Analyst | JUL |
| | WV Department of Environmental Protection |
| Subscribed and sworn before me this 154 day of June | . 2022 |
| icil Cath | Notary Public Notary Public Official Seal |
| My commission expires 8/21/2024 | State of West Virginia My Comm. Expires Aug 21, 2024 |

4710303520

Attachment 3A

CLOSED LOOP SYSTEM

The closed loop system is designed to eliminate the use of reserve pits by providing a higher level of solids control processing and using steel pits for capture of drill cuttings. The cuttings are then processed to achieve landfill requirements before hauling to approved landfills. The liquids are processed to recycle into the active mud system or to transfer to onsite temporary storage as needed.

The closed loop system consists of several sets of a shale gas separator (often called a 'methana'), several banks of solids shakers, high speed centrifuges (1 or 2) used to process the fluid portion of the mud system to remove low gravity solids, low speed centrifuge used for barite recovery in high weight liquid drilling systems, a dewatering system (for air intervals and if freshwater mud systems are in use) used to further clean liquids by flocculation and additional mechanical separation, associated open top tanks for processing liquids and capturing solids for disposal, and transfer pumps to move fluids through the processes. There is an area adjacent to the cuttings tanks (Red Zone) where a track hole is utilized to recover the processed cuttings for loading into containers for hauloff. (See attached schematic of a generic closed loop system layout)

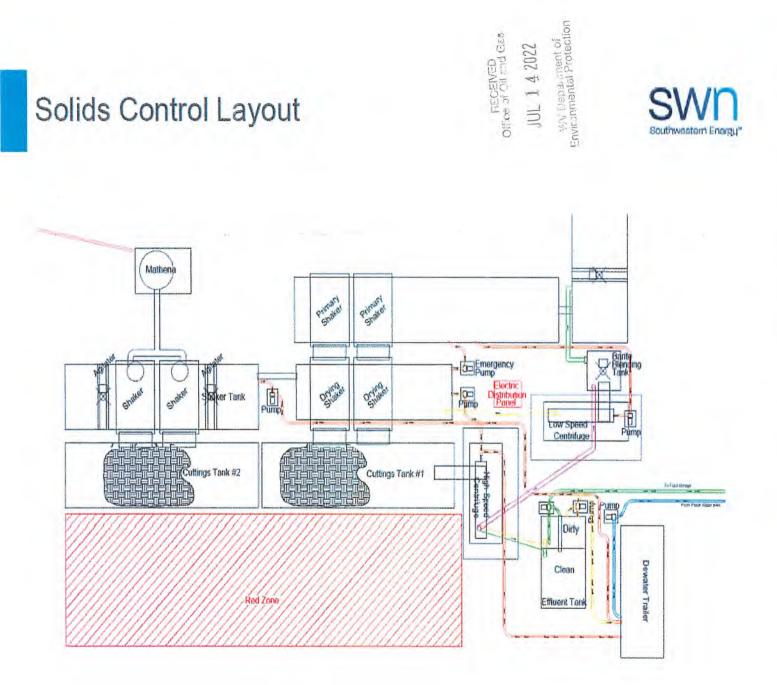
Below are discussions of the processes used when drilling the air interval or liquids interval.

AIR DRILLING INTERVALS

During air drilling operations, flow from the rig will pass down the flowline to the Shale Gas Separater (sometimes called a methane) where gas and liquids/solids are separated. Gas is sent to the flare scrubber tank and is flared at the flare stack. Solids and fluids pass across a shaker system to separate solids from liquids. Solids pass into the cuttings tanks where they are captured for drying and hauloff to an approved landfill site. Liquids fall into a shaker tank and are collected by a centrifugal pump to be processed by the high speed centrifuge to further separate liquids and solids. Solids are then dumped into the cuttings tank for drying and hauloff. Liquids are further processed to remove additional low gravity solids before being reused or transferred to onsite storage.

LIQUIDS DRILLING (FRESHWATER, BRINE, SOBM)

When drilling is converted to liquids drilling, the shale gas separator and associated shaker tank are bypassed, and the liquids system is processed over the primary and drying shaker systems. Cuttings drop into the cuttings tank for additional processing. Any recoverable associated liquids attached to the cutting are recovered out the tank and processed through the low gravity (high speed) and barite recovery centrifuges (low speed) to further remove low gravity solids and to recover barite for reuse in the mud systems.



EXAMPLE SCHEMATIC FOR CLOSED LOOP SOLIDS CONTROL SYSTEM

Attachment 3B

Drilling Mediums

Surface/Coal(if present)/Freshwater Intervals:

Air

Freshwater (if needed based on conditions)

Intermediate/Coal (if present):

Air

Production Hole:

Air

Synthetic Oil (Base Fluid for mud system)

Barite

Calcium Chloride

Lime

Organophilic Bentonite

Primary and Secondary Emulsifiers

Gilsonite

Calcium Carbonate

Friction Reducers

RECEIVED Office of Oil and Gas

JUL 1 4 2022

NN Department of Environmental Protection

4710303520

Operator's Well No. Vernon Johnson WTZ 401H

Form WW-9

| SWN | Production | Co., | LLC |
|-----|------------|------|-----|
|-----|------------|------|-----|

| Proposed Revegetation Treatment: Acres Disturbed | Prevegetation pH | ł | |
|--|------------------|-----------|----------|
| Lime as determined by pH test min.2 Tons/acre or to co | orrect to pH 5.9 | | |
| Fertilizer type _10-20-20 | | | |
| Fertilizer amount 600/500 | lbs/acre | | |
| MulchHay/Straw | Tons/acre | | |
| | Seed Mixtures | | |
| Temporary | | Perma | nent |
| Seed Type Ibs/acre Attachment 3C | | Seed Type | lbs/acre |
| | | | |
| | | | |
| Attach: Maps(s) of road, location, pit and proposed area for provided). If water from the pit will be land applied acreage, of the land application area. | | | |
| Photocopied section of involved 7.5' topographic sh | eet. | | |
| Plan Approved by: Junnel 2. | hyolda | | |

| Plan Approved by: June 2. Supplate | |
|--|---|
| Comments: | |
| | |
| | |
| | |
| | RECEIVED Office of Oil and Gas |
| | JUL 1 4 2022 |
| | WV Depadment of Environmental Protection |
| Title: Oil & Gas Inspector Date: 7-7-2 | - |

| | | | Attachment 3C | | | | | |
|---|-----------------------|--|--|---|--|--|--|--|
| Southwestern Energy* | | WVD Seeding | Specification | | READ | | | |
| To Order Se | eed contact Lyndsi Ed | dy Flippo office 570-996-4271 cell 501-26 | 9-5451 lyndsi_eddy@swn.com (please allow 7 to 10 | days for delivery) | | | | |
| NON-ORGANIC PROPERTIES | | | ORGANIC PROPERTIES | | | | | |
| Seed Mixture: ROW Mix | SWN | I Supplied | Seed Mixture: SWN Production Organi | c Mix SWN | Supplied | | | |
| Orchardgrass | 40% | | Organic Timothy | 50% | | | | |
| imothy | 15% | | Organic Red or White Clover | 50% | | | | |
| Annual Ryegrass | 15% | | OR | | | | | |
| Brown Top Millet | 5% | | Organic Perennial Ryegrass | 50% | | | | |
| Red Top | 5% | | Organic Red or White Clover | 50% | | | | |
| Vledium Red Clover | 5% | All legumes are | Analy Q cool | ALC | the second s | | | |
| White Clover | 5% | innoculated at 5x normal | Apply @ 100lbs per acre April 16th- Oct. 14th | | oply @ 200lbs per acre | | | |
| Birdsfoot Trefoil | 5% | rate | April 10th Oct 14th | | Oct. 15th- April 15th | | | |
| Rough Bluegrass | 5% | | Organic Fertilizer @ 200lbs per Acre | Pelleti | zed Lime @ 2 Tons per Acre | | | |
| Apply @ 100lbs per acre April 16th- Oct. 14th | c | Apply @ 2001bs per acre Oct. 15th- April 15th PLUS os per acre of Winter Wheat | WETLANDS (delineated as jurisdic | tional motion | | | | |
| SOIL AMENDMENTS | | | Seed Mixture: Wetland Mix | SWN Supp | lied | | | |
| 10-20-20 Fertilizer | भंग | Apply @ 500lbs per Acre | VA Wild Ryegrass | 20% | G. | | | |
| Pelletized Lime | | Apply @ 2 Tons per Acre | Annual Ryegrass | 20% | CTIO | | | |
| | *unless o | therwise dictated by soil test results | Fowl Bluegrass | 20% | LT LT | | | |
| Seeding Calculation Information: | | | Cosmos 'Sensation' | 10% | 300 | | | |
| 1452' of 30' ROW/LOD is One Acre | | | Redtop | 5% | THE A | | | |
| 871' of 50' ROW/LOD is One Acre | | | Golden Tickseed | 5% | EIC | | | |
| 622' of 70' ROW/LOD is One Acre | | | Maryland Senna | 5% | 世と日 | | | |
| | | | Showy Tickseed | 5% | Of C ALL LA PURT | | | |
| ynopsis: | | | Fox Sedge | 2.5% | | | | |
| Every 622 linear feet in a 70' ROW/LOD, | you should be us | ing (2) 50lb bags of seed, (4) 50lb | Soft Rush | 2.5% | | | | |
| bags of fertilizer and (80) 50lb bags of Li | | | Woolgrass | 2.5% | | | | |
| Wheat/ac). | | | Swamp Verbena | 2.5% | | | | |
| pecial Considerations: | | | Apply @ 25lbs per acre | А | pply @ 50lbs per acre | | | |
| andowner Special Considerations including | | | April 16th- Oct. 14th | | Oct. 15th- April 15th | | | |
| guidance that is not given here. Discuss the beginning of the project to allow time for sp | | | NO FERTILIZER OR LIM | E INSIDE WETLANI | LIMITS | | | |

Rev.1/13/2020

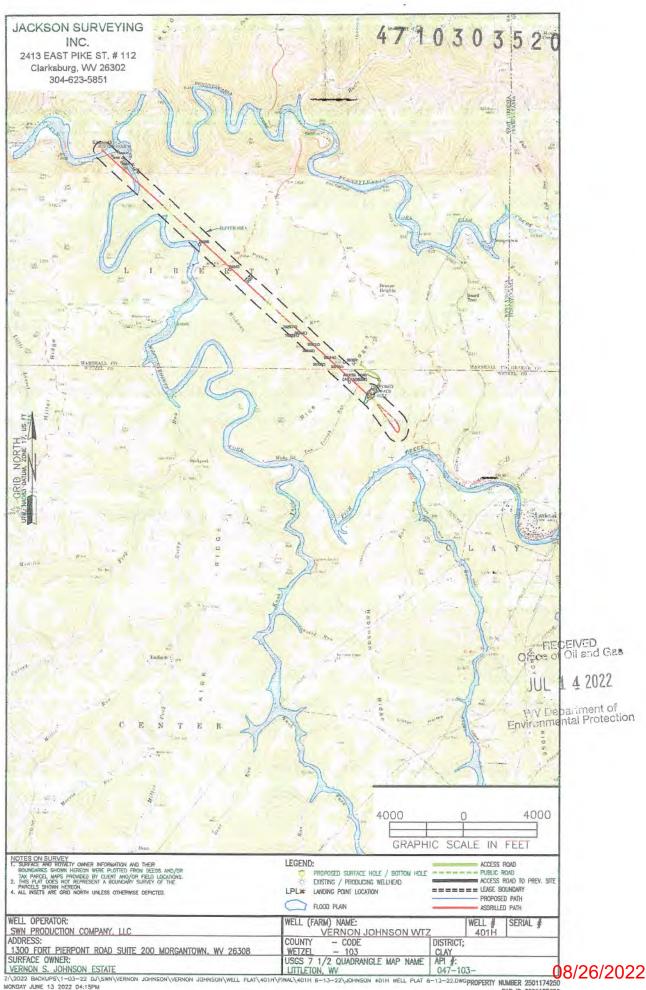
Vernon Johnson WTZ 401H AOR

۰.

710303520

4

| API | Operator | Status | Latitude | Longitude | Vertical TD | Producing Formation | Producing Zones Not Perforated |
|--------|---|---------|----------|-----------|-------------|---------------------------------------|---|
| 30321 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 30196 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 30309 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 30310 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 30124 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 30260 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 30311 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 30312 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 70258 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 70257 | Unknown | Unknown | *** | *** | Unknown | Unknown | õ |
| 70265 | Unknown | Unknown | *** | *** | Unknown | Unknown | M 50 |
| 70088 | Unknown | Unknown | *** | *** | Unknown | Unknown | 12 |
| 00176 | Columbia Gas Transmission, LLC (Storage Well) | Active | *** | *** | N/A | N/A | CC2 CC22 |
| 70424 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 70425 | Unknown | Unknown | *** | *** | Unknown | Unknown | |
| 0343-P | Unknown | Plugged | *** | *** | N/A | N/A | 5 - 50 |
| | | | | | | | |
| | | | | | | | Environt Contraction |
| | | | | | | | 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - |
| | | | | | | | <u> </u> |
| | | | | | | | |
| | 4 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | - | | | · · · · · · · · · · · · · · · · · · · | |



PAD ID 3001155650

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN



SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, West Virginia 26508

API NO. 47-XXX-XXXXX WELL NAME: Vernon Johnson WTZ 401H Littleton QUAD **Clay DISTRICT** WETZEL COUNTY, WEST VIRGINIA

Submitted by:

Name: Brittany Woody Inttany Moody

Date: 5/31/2022

Title: Senior Regulatory Analyst

SWN Production Co., LLC

Approved by:

Name: Limit L Steyold Date: 7-7-22

Title:

Approved by:

Name:_____ Date: _____

Title:

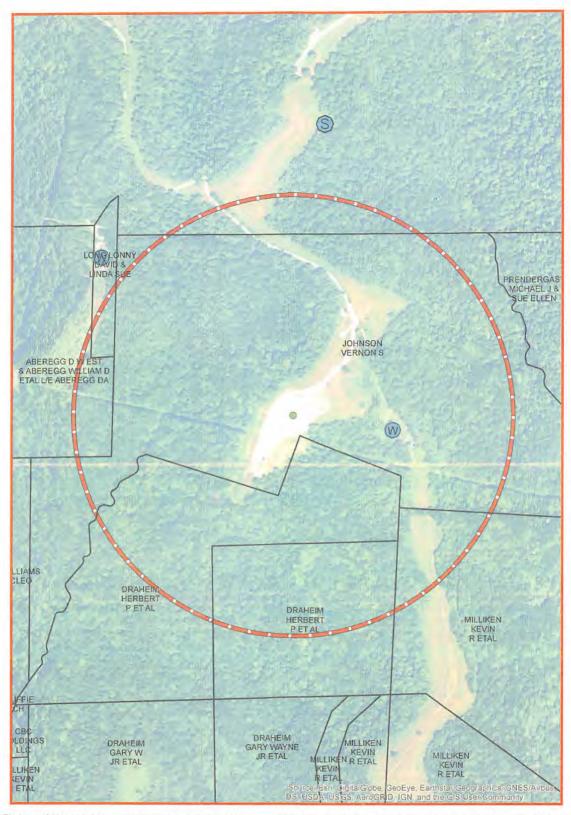
RECEIVED Office of Oil and Gas

JUL 1 4 2022

100 Department of Environmental Protection

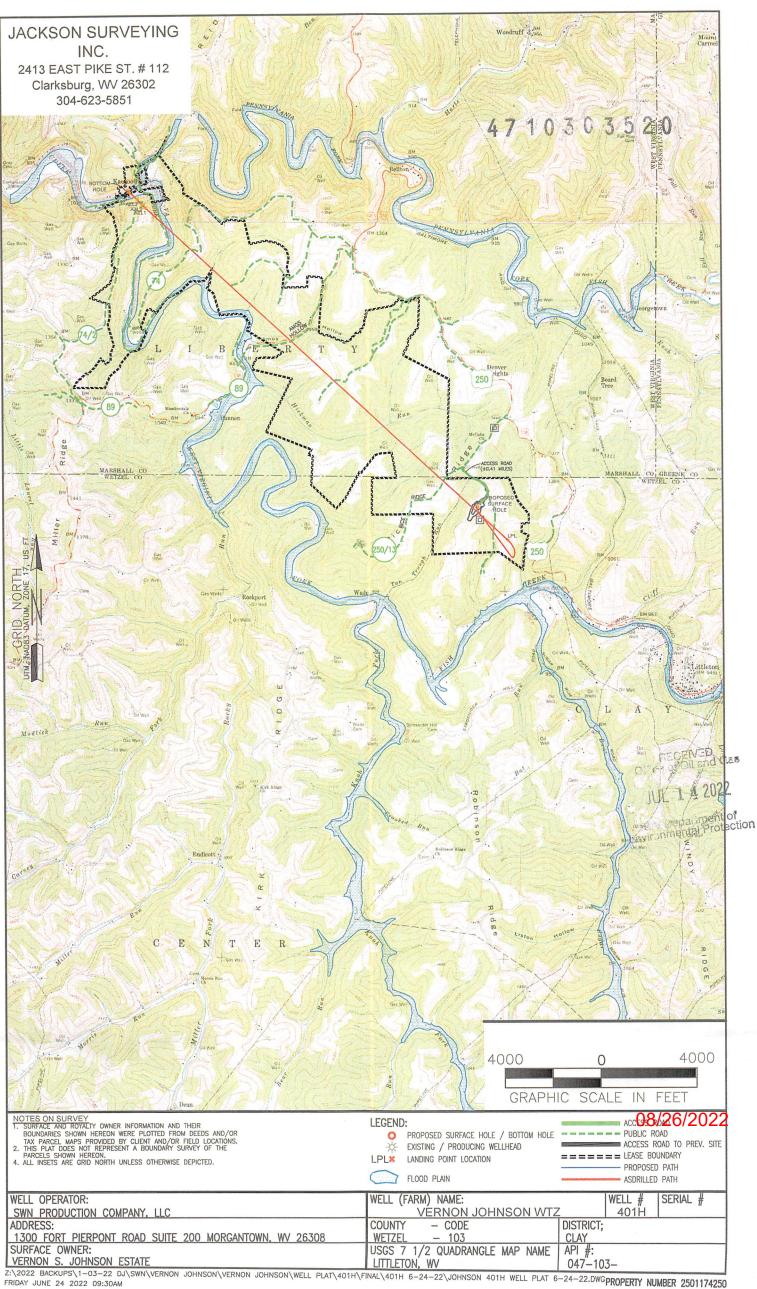
SWN PRODUCTION COMPANY, LLC - CONFIDENTIAL

4710303520

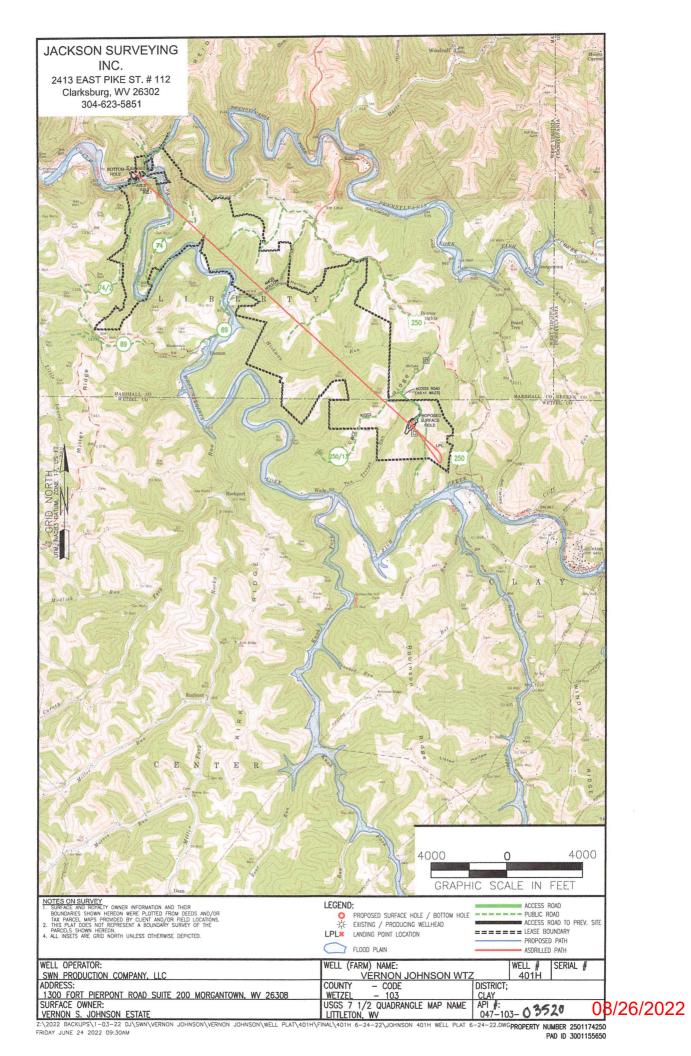


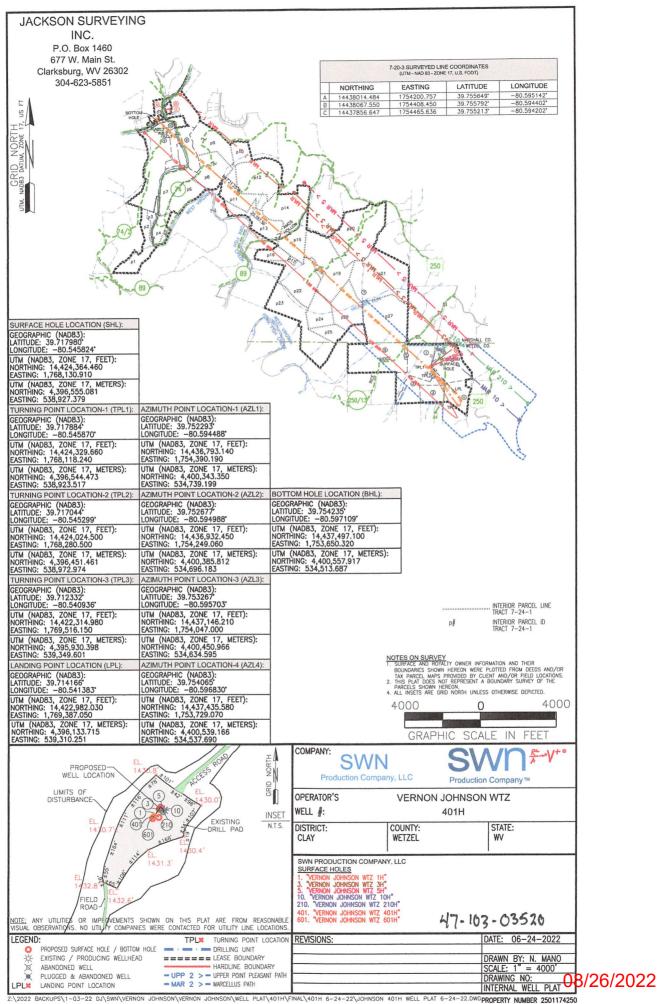
The intent of this map is for general reference only. Information on this map was created using the best available data at the time but is not guaranteed accurate.

| Water Purveyor Map | | () - Constant | Well Pad: Vernon Johnson WTZ Pad | d WETZEL | | |
|--|------------------|---------------|-------------------------------------|----------|--|--|
| Map by: speart NAD 1983 BLM Zone 17N ftUS | Date: 10/12/2017 | • | Vernon Johnson WTZ Coordinates: | | | |
| 0 | 250 500 | 1,000 | 1,500 2,000 Feet | | | |

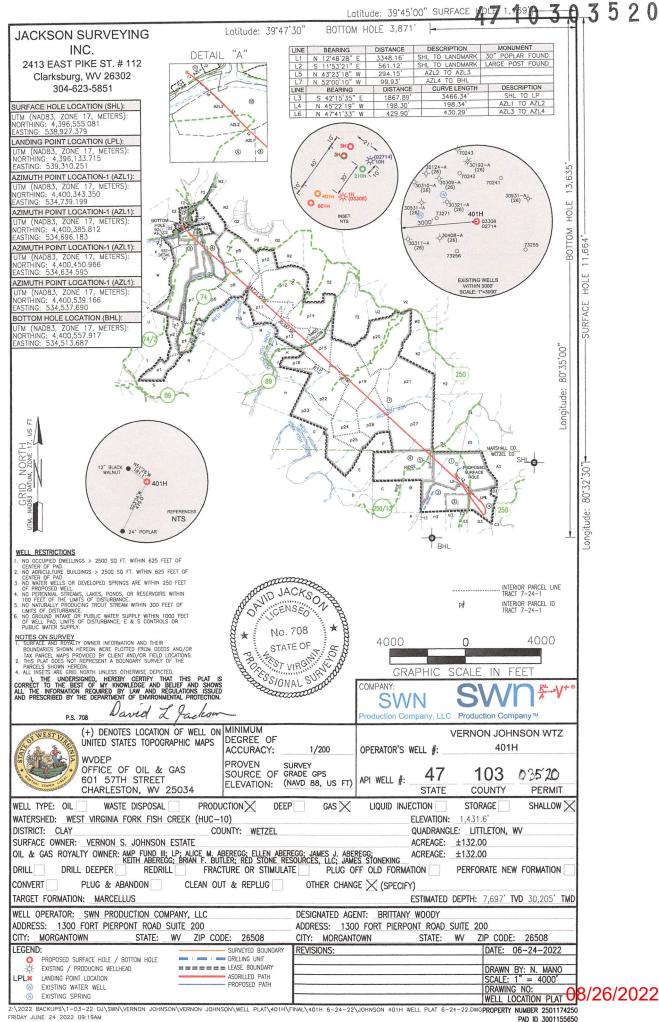


E 24 2022 09:30AM PAD ID 3001155650 PAD ID 3001155650





Z:\2022 BACKUPS\1-03-22 DJ\SWN\VERNON JOHNSON\VERNON JOHNSON\WELL PLAT\401H\FINAL\401H 6-24-22\JOHNSON 401H WELL PLAT 6-24-22.DWGPROPERTY NUMBER 2501174250 FRIDAY JUNE 24 2022 09:20AM PAD ID 3001155650



JACKSON SURVEYING

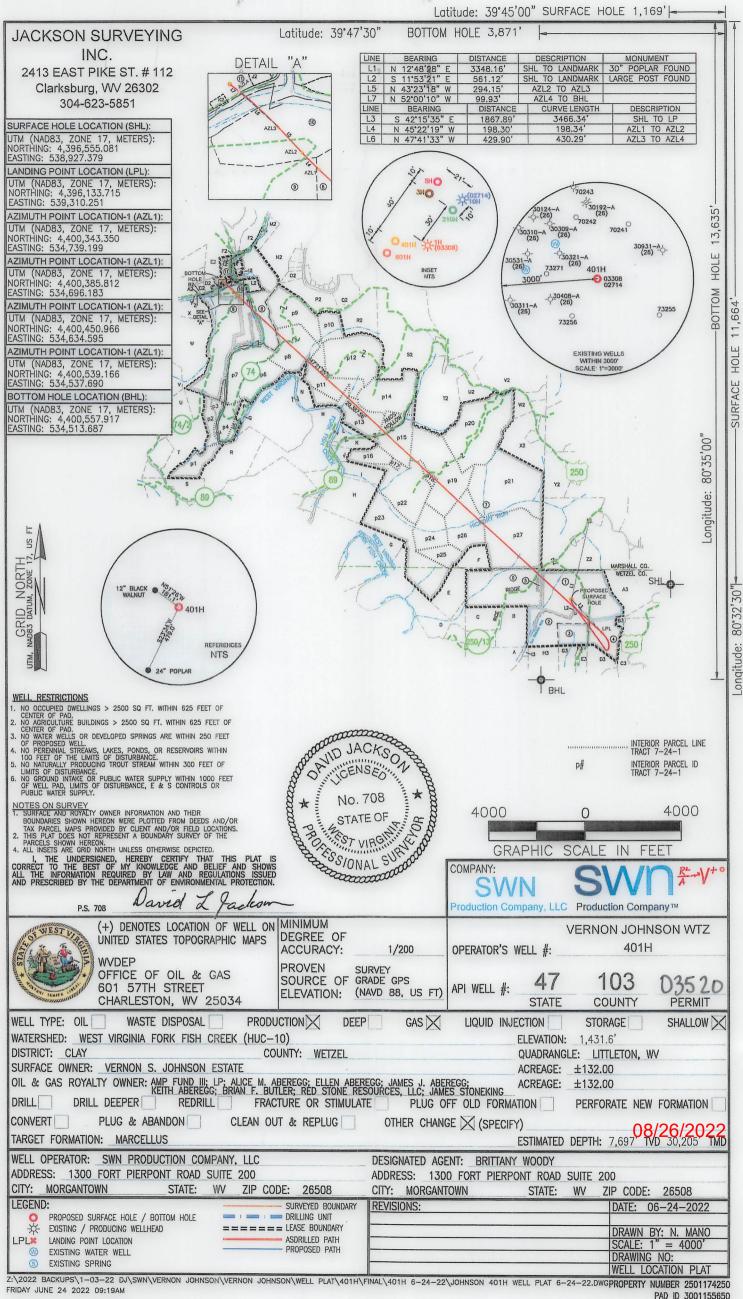
INC. 2413 EAST PIKE ST. # 112 Clarksburg, WV 26302 304-623-5851

| | WELL BORE TRACTS | |
|-------|---|------------|
| TRACT | SURFACE OWNER (S) / ROYALTY OWNER (R) | TAX PARCEL |
| | JOHNSON VERNON S EST (S)/ AMP FUND III; LP; ALICE M. ABEREGG; ELLEN | |
| | ABEREGG; JAMES J. ABEREGG; KEITH ABEREGG, BRIAN F. BUTLER; RED | |
| 1 | STONE RESOURCES, LLC; JAMES STONEKING (R) | 3-1-1 |
| TRACT | SURFACE OWNER (S) | TAX PARCEL |
| 2 | DRAHEIM HERBERT P ET AL (S) | 3-1-6 |
| 3 | DRAHEIM HERBERT P ETAL (S) | 3-1-5 |
| 4 | MILLIKEN KEVIN R ETAL (S) | 3-1-4 |
| 5 | LONG LONNY DAVID & LINDA SUE (5) | 1-3-2.1 |
| 6 | JAMES J ABEREGG ET AL (5) | 1-3-2 |
| 7 | W VA WILDLIFE RESOURCES SECTION (S) | 7-24-1 |
| 8 | FROMHART BRAD ET UX - LIFE (S) | 7-20-41 |
| 9 | GRIBBEN M PEGGY REVOCABLE LIVING TRUST (5) | 7-19-28 |
| 10 | UNDERDONK ALAN (S) | 7-16-25.1 |
| 11 | CUMPSTON GAIL (S) | 7-19-20 |

| | ADJOINING OWNERS TABLE | |
|-------|--|-----------|
| TRACT | SURFACE OWNER | TAX PARCE |
| A | MCGUFFIEARCH | 1-6-5 |
| В | WILLIAMS JOHN EDWARD | 1-3-9 |
| С | WILLIAMS LONNIE L | 1-3-7 |
| D | SEIDLER EARL DALE & NETTIE | 1-2-6.1 |
| E | WILLIAMS KATHERINE E TRUST | 1-3-1 |
| F | WADE MICHAEL CLAY & MCCELLAND LAWRENCE W - TOD ET AL | 7-24-6 |
| G | VELLEKOOP PETER B ET UX - TOD | 7-27-13 |
| Н | VELLEKOOP PETER B ET UX - TOD | 7-27-11 |
| 1 | VELLEKOOP PETER B ET UX - TOD | 7-27-10.1 |
| 1 | VELLEKOOP PETER B ET UX - TOD | 7-26-6.2 |
| K | VELLEKOOP PETER B ET UX - TOD | 7-26-6.1 |
| L | GEDEON DANIEL D ET UX | 7-26-6 |
| M | YOCUM JOSEPH LEE & MICHAEL D | 7-26-9 |
| N | CONSOLIDATED GAS SUPPLY CORP | 7-26-8 |
| 0 | BUZZARD COLIN R | 7-26-3 |
| Р | HUNDRED RESOURCES INC | 7-26-11 |
| Q | BUTLER JOHN M & LISA A | 7-26-11.1 |
| R | HORNER DELORSE A | 7-26-10 |
| S | RIGGS JOHN E JR & DELANA | 7-27-2 |
| T | MORGAN JAMES E - LIFE | 7-26-14 |
| U | ROMACK VICTOR A | 7-19-38 |
| V | HORNER DELORSE A - LIFE | 7-19-30 |
| W | GRIBBEN M PEGGY REVOCABLE LIVING TRUST | 7-19-29 |
| X | ZELIC NICK ET UX | 7-19-27 |
| Y | HORNER DELORSE A - LIFE | 7-19-26 |
| Z | CHURCH OF CHRIST TRUSTEES | 7-19-25 |
| A2 | COLUNS BRIAN & PAMELA J | 7-19-24 |
| 82 | COLUNS BRIAN & PAMELA J | 7-19-23.1 |
| C2 | COLUNS BRIAN & PAMELA J | 7-19-23.2 |
| D2 | DRUSCHELJAMES F & JAMIE ANN ET AL | 7-19-23 |
| E2 | CUMPSTON GEORGE R ET AL | 7-16-24 |
| F2 | BUTLER JOHN MATTHEW | 7-16-39 |
| G2 | BURGE JUDITH A & VIRGINIA L BAILEY | 7-20-4 |
| H2 | CONNELLY CHAS E | 7-20-5 |
| 12 | MARLING SUELLEN | 7-20-3 |
| 12 | SHARPENBERG DALTON & DEREK (S) | 7-19-21 |
| K2 | VUCELICK CHARLES EST | 7-19-22 |
| LZ | FROMHART BRAD ET UX - LIFE | 7-20-01 |
| MZ | BURGE JUDITH A & VIRGINIA L BAILEY ET AL | 7-16-40 |
| N2 | BURGE JUDITH A & VIRGINIA L BAILEY ET AL | 7-20-6 |
| 02 | GEHO ANNIE L EST | 7-20-11 |
| P2 | BURLEY AMMON ET UX | 7-20-12 |
| Q2 | BURLEY AMMON | 7-20-18 |
| RZ | BURLEY AMMON A | 7-20-24 |
| 52 | BURLEY AMON A | 7-20-37 |
| T2 | GRESHAW JASON M& MARY L | 7-25-2 |
| U2 | BROWN ANDREW CIII | 7-25-6 |
| VZ | HARRINGTON CLYDE F | 7-25-7 |
| W2 | W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES | 7-25-9 |
| X2 | CONAWAY THOMAS EARL JR & CAROLYN K STOWE | 7-25-12 |
| Y2 | CONAWAY THOMAS E | 7-23-1 |
| 72 | PRENDERGAST MICHAELJ & SUELLEN LEMLEY | 7-23-26 |
| A3 | PRENDERGAST MICHAELJ & SUE ELLEN | 3-1-2 |
| B3 | WV MINERALS INC | 3-1-3 |
| C3 | MCDIFFITT WILBERT(WEBB)H TRUST | 3-1-35 |
| D3 | MILLIKEN KEVIN R ETAL | 3-1-13 |
| E3 | MILLIKEN KEVIN RETAL | 3-1-13 |
| F3 | MILLIKEN KEVIN R ETAL | 3-1-11 |
| G3 | DRAHEIM GARY WAYNE JR ETAL | 3-1-10 |
| H3 | DRAHEIM GARY WAYNE JR ETAL | 3-1-9 |
| 13 | CBC HOLDINGS LLC | 3-1-8.1 |

| | and the second sec | | the second se | and an increase of the second s | Contractory of the second s | Contraction of the local division of the loc | Contraction of the second states of the second stat |
|------------|--|-------|---|---|---|--|--|
| REVISIONS: | COMPANY: | | SWN | C | :\/r | R-m | 1+0 |
| | 1 | | | | | | |
| | | Produ | ction Company, LLC | Proc | luction Company | TM | |
| | OPERATOR'S | VERNO | N JOHNSON WTZ | API #: | 103-03520 | DATE: | 06-24-2022 |
| | WELL #: | | 401H | 047- | 103- 03520 | DRAWN | N BY: N. MANO |
| | DISTRICT: | | COUNTY: | STATE: | | SCALE | |
| | CLAY | | WETZEL | WV | | DRAWI | NG NO: |
| | | | | | | WELL | LOCATION PLAT |

2:\2022 BACKUPS\1-03-22 DJ\SWN\VERNON JOHNSON\VERNON JOHNSON\WELL PLAT\401H\FINAL\401H 6-24-22\JOHNSON 401H WELL PLAT 6-24-22.DWG FRIDAY JUNE 24 2022 08:23AM



JACKSON SURVEYING INC. 2413 EAST PIKE ST. # 112 Clarksburg, WV 26302 304-623-5851

| | WELL BORE TRACTS | |
|-------|---|------------|
| TRACT | SURFACE OWNER (S) / ROYALTY OWNER (R) | TAX PARCEL |
| | JOHNSON VERNON S EST (S)/ AMP FUND III; LP; ALICE M. ABEREGG; ELLEN ABEREGG; JAMES J. ABEREGG; KEITH ABEREGG, BRIAN F. BUTLER; RED | |
| 1 | STONE RESOURCES, LLC; JAMES STONEKING (R) | 3-1-1 |
| TRACT | SURFACEOWNER (S) | TAX PARCEL |
| 2 | DRAHEIM HERBERT P ET AL (S) | 3-1-6 |
| 3 | DRAHEIM HERBERT P ETAL (S) | 3-1-5 |
| 4 | MILLIKEN KEVIN R ETAL (5) | 3-1-4 |
| 5 | LONG LONNY DAVID & LINDA SUE (5) | 1-3-2.1 |
| 6 | JAMES J ABEREGG ET AL (S) | 1-3-2 |
| 7 | W VA WILDLIFE RESOURCES SECTION (5) | 7-24-1 |
| 8 | FROMHART BRAD ET UX - LIFE (S) | 7-20-41 |
| 9 | GRIBBEN M PEGGY REVOCABLE LIVING TRUST (5) | 7-19-28 |
| 10 | UNDERDONK ALAN (5) | 7-16-25.1 |
| 11 | CUMPSTON GAIL (S) | 7-19-20 |

| | ADJOINING OWNERS TABLE | |
|----------|---|------------|
| RACT | SURFACE OWNER | TAX PARCEL |
| A | MCGUFFIEARCH | 1-6-5 |
| В | WILLIAMS JOHN EDWARD | 1-3-9 |
| C | WILLIAMS LONNIE L | 1-3-7 |
| D | SEIDLER EARL DALE & NETTIE | 1-2-6.1 |
| E | WILLIAMS KATHERINE E TRUST | 1-3-1 |
| F | WADE MICHAEL CLAY & MCCELLAND LAWRENCE W - TOD ET AL | 7-24-6 |
| G | VELLEKOOP PETER B ET UX - TOD | 7-27-13 |
| Н | VELLEKOOP PETER B ET UX - TOD | 7-27-11 |
| 1 | VELLEKOOP PETER B ET UX - TOD | 7-27-10.1 |
| 1 | VELLEKOOP PETER B ET UX - TOD | 7-26-6.2 |
| К | VELLEKOOP PETER B ET UX - TOD | 7-26-6.1 |
| L | GEDEON DANIEL D ET UX | 7-26-6 |
| M | YOCUM JOSEPH LEE & MICHAEL D | 7-26-9 |
| N | CONSOLIDATED GAS SUPPLY CORP | 7-26-8 |
| 0 | BUZZARD COLIN R | 7-26-3 |
| Р | HUNDRED RESOURCES INC | 7-26-11 |
| Q | BUTLER JOHN M & LISA A | 7-26-11.1 |
| R | HORNER DELORSE A | 7-26-10 |
| S | RIGGS JOHN E JR & DELANA | 7-27-2 |
| Т | MORGAN JAMES E - LIFE | 7-26-14 |
| U | ROMACK VICTOR A | 7-19-38 |
| V | HORNER DELORSE A - LIFE | 7-19-30 |
| W | GRIBBEN M PEGGY REVOCABLE LIVING TRUST | 7-19-29 |
| X | ZELIC NICK ET UX | 7-19-27 |
| Y | HORNER DELORSE A - LIFE | 7-19-26 |
| Z | CHURCH OF CHRIST TRUSTEES | 7-19-25 |
| A2 | COLLINS BRIAN & PAMELA J | 7-19-24 |
| B2 | COLLINS BRIAN & PAMELA J | 7-19-23.1 |
| C2 | COLLINS BRIAN & PAMELA J | 7-19-23.2 |
| D2 | DRUSCHEL JAMES F & JAMIE ANN ET AL | 7-19-23 |
| E2 | CUMPSTON GEORGE R ET AL | 7-16-24 |
| FZ | BUTLER JOHN MATTHEW | 7-16-39 |
| G2 | BURGE JUDITH A & VIRGINIA L BAILEY | 7-20-4 |
| H2 | CONNELLY CHAS E | 7-20-5 |
| 12 | MARLING SUELLEN | 7-20-3 |
| 12 | SHARPENBERG DALTON & DEREK (S) | 7-19-21 |
| K2 | VUCELICK CHARLES EST | 7-19-22 |
| LZ | FROMHART BRAD ET UX - LIFE | 7-20-01 |
| M2 | BURGE JUDITH A & VIRGINIA L BAILEY ET AL | 7-16-40 |
| N2 | BURGE JUDITH A & VIRGINIA L BAILEY ET AL | 7-20-6 |
| 02 | GEHO ANNIE LEST | 7-20-11 |
| P2 | BURLEY AMMON ET UX | 7-20-12 |
| Q2 | BURLEY AMMON | 7-20-18 |
| R2 | BURLEY AMMON A | 7-20-24 |
| 52 | BURLEY AMON A | 7-20-37 |
| T2 | GRESHAW JASON M & MARY L BROWN ANDREW C III | 7-25-2 |
| U2 | HARRINGTON CLYDE F | 7-25-6 |
| V2 | W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES | 7-25-7 |
| W2 X2 | CONAWAY THOMAS EARL JR & CAROLYN K STOWE | 7-25-12 |
| ¥2 Y2 | CONAWAY THOMAS EARLIN & CAROLYN K STOWE | 7-23-12 |
| ZZ | PRENDERGAST MICHAELJ & SUELLEN LEMLEY | 7-23-1 |
| A3 | PRENDERGAST MICHAELJ & SUELLEN LEWLEY PRENDERGAST MICHAELJ & SUE ELLEN | 3-1-2 |
| B3 | WV MINERALS INC | 3-1-2 |
| C3 | MCDIFFITT WILBERT(WEBB)H TRUST | 3-1-3 |
| | MILLIKEN KEVIN R ETAL | 3-1-35 |
| D3 E3 | MILLIKEN KEVIN RETAL | 3-1-13 |
| | | 3-1-12 |
| F3 G3 | MILLIKEN KEVIN R ETAL DRAHEIM GARY WAYNE JR ETAL | 3-1-11 |
| H3 | DRAHEIM GARY WAYNE JR ETAL DRAHEIM GARY WAYNE JR ETAL | 3-1-10 |
| 110 | DIVALLIVIOANT WATNESTETAL | 3-1-9 |

| | | | | 08/26/2022 |
|------------|--------------------|--------------------------------|---------------------------------|---|
| REVISIONS: | COMPANY: | SWN Production Company, LLC | SWD Production Company | R |
| | OPERATOR'S WELL #: | VERNON JOHNSON WTZ 401H | API #: 047-103-0 3520 | DATE: 06-24-2022 DRAWN BY: N. MANO |
| | DISTRICT: CLAY | COUNTY: WETZEL | STATE: WV | SCALE: N/A DRAWING NO: WELL LOCATION PLAT 2 |

Z:\2022 BACKUPS\1-03-22 DJ\SWN\VERNON JOHNSON\VERNON JOHNSON\WELL PLAT\401H\FINAL\401H 6-24-22\JOHNSON 401H WELL PLAT 6-24-22.DWG FRIDAY JUNE 24 2022 08:23AM WW-6A1 (5/13)

Operator's Well No. Vernon Johnson WTZ 401H

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| Lease Name or Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book/Page |
|-------------------------|-----------------------|-----------------------|---------|-----------|
| | See Exhibit "A" | | | |

*Co-tenancy utilization - At least 75% of the royalty owners have consented to the lawful use or development of the oil or natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-tenancy Modernization and Majority Protection Act.

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

| Well Operator: | SWN Production Company, LLC |
|----------------|-----------------------------|
| By: | BOZIL |
| Its: | Senior Landman |

, LLC, as 4 m Tor 10 30 3 5 2 0 EXHIBIT "A" At

| Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, C.C., as Operator | ~ | ~ | ~ | ~ |
|--|---|---|---|---|
| Vernon Johnson WTZ 401H | | | | |
| Wetzel County, West Virginia | | | | |
| | | | | |

| # | TMP | LESSDR | LESSEE | ROYALTY | BK/PG | Interest Not Leased by SW Production Company, LL |
|-----|-------|--|---|------------------|---|---|
| | 3-1-1 | Alice Driver, f/k/a Alice LeBoda, a single woman | Chesapeake Appalachia, LL.C. | 12.50% | 94A/461 | 0.0000% |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Ellen Vannatter, a single woman | Chesapeake Appalachia, L.L.C. | 12.50% | 94A/464 | 1 |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Carol Staley, f/k/a Carol Butler, a married woman | Chesapeake Appalachia, L.L.C. | 12.50% | 94A/467 | |
| | | dealing in her sole and separate property | | | | |
| | | and the second sec | CULU Desclustion Company 11C | | 157A/540 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC Chesapeake Appalachia, L.L.C. | 12.50% | 94A/476 | - |
| | | James Joseph Aberegg, a/k/a Joseph Aberegg, a single man | cresapeake Appandonia, c.c.c. | LENGING | 2410 110 | |
| | | Chesapeake Appulachia, LLC. | SWN Production Company, LLC | 1 | 157A/540 | |
| | | James Denzil Stoneking, a married man dealing in | Chesapeake Applilochia, L.L.C. | 12.50% | 94A/470 | |
| 1 | | his sole and separate property | | | 157A/540 | |
| | | Chesapeake Appalachia, LL.C. | SWN Production Company, LLC | 12.50% | 94A/473 | - |
| | | Keith Aberegg, a married man dealing in his sole and separate property | Chesapeake Appalachia, L.L.C. | 12.50% | 34M/4/2 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| 2 | 3-1-6 | Allan Karl Draheim, a married man dealing in his | Chesapeake Appalachia, LL.C. | 12.50% | 91A/107 | 0.0000% |
| - | | sole and separate property | and the states of the states | | | |
| 1 | | Chesapeake Appalachia, LL.C. | SWN Production Company, LLC | | 157A/540 | - |
| | | Timothy Neil Draheim, a single man | Chesapeake Appalachia, L.L.C. | 12.50% | 91A/110 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | - |
| | | Steven Mark Draheim, a married man dealing in his | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/685 | |
| 1 | | sole and separate property Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | 0 |
| | | Gary Wayne Draheim, Sr., a married man dealing in | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/680 | 1 |
| | | his sole and separate property | | | | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Edward Michael Draheim, a married man dealing in | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/689 | |
| | | his sole and separate property Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Chesapeake Appalachia, L.L.C. William Lester Draheim, a married man dealing in | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/683 | 1 |
| | | william Lester Draheim, a married man dealing in his sole and separate property | and a second statement of the second | 2 | | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Louis David Williams, Ir., a married man dealing in | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/496 | |
| 1 | | his sole and separate property | | | 1075 1040 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 10.000 | 157A/540 91A/113 | - |
| | | Louis David Williams, III, a married man dealing in his sole and separate property | Chesapeake Appalachia, L.L.C. | 12.50% | 914/115 | |
| - 1 | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| 1 | | Vernon Sterling Johnson, a single man | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/579 | |
| - 1 | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Gerald Edward Dean, a single man | Chesapeake Appalachia, LL.C. | 12.50% | 91A/104 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| 3 | 3-1-5 | Allan Kari Draheim, a married man dealing in his | Chesapeake Appalachia, L.L.C. | 12.50% | 91A/107 | 0.0000% |
| 1 | | sole and separate property | | | 1.1.201. | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | - |
| | | Timothy Nell Draheim, a single man | Chesapeake Appalachia, L.L.C. | 12.50% | 91A/110 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 11 | 157A/340 | |
| | | Steven Mark Draheim, a married man dealing in his | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/686 | |
| | | sole and separate property | SWN Production Company, LLC | | 157A/540 | |
| | | Chesapeake Appalachia, L.L.C. | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/680 | 4 |
| | | Gary Wayne Drahelm, Sr., a married man dealing in his sole and separate property | Chesapeane Appinacina, c.c.c. | 12.0014 | 201000 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Edward Michael Drahelm, a married man dealing in | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/689 | 1 |
| | | his sole and separate property | | | 1000 | |
| | | Chesapeake Appalachia, LL.C. | SWN Production Company, LLC | | 157A/540 | - |
| | | William Lester Draheim, a married man dealing in his sole and separate property | Chesapeake Appalachia, LL.C. | 12.50% | 90A/683 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Louis David Williams, Jr., a married man dealing in | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/496 | 1 |
| | | his sole and separate property | | | 1.00 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | - | 157A/340 | - |
| | | Louis David Williams, III, a married man dealing in | Chesapeake Appalachia, L.L.C. | 12.50% | 91A/113 | |
| | | his sole and separate property Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Vernon Sterling Johnson, a single man | Chesapeake Appalachia, L.L.C. | 12.50% | 90A/579 | 1 |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Gerald Edward Dean, a single man | Chesapeake Appalachia, L.L.C. | 12.50% | 91A/104 | 1 |
| | | Chesapeake Appalachia, LLC. | SWN Production Company, LLC | 16-170 M | 157A/540 | |
| 4 | 3-1-4 | Royalty Owners | N/A | N/A | N/A | 10,8333% |
| * | 3-1-4 | | Chesapeake Appalachia, L.L.C. | 12.50% | 109A/31 | - Andrewski - |
| | | Beth Ann Barnhart, a married woman dealing in her sole and separate property | Consequence reportational, L.C.C. | 12.50% | IGSAJAI | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | Bryan L. Gorby and Melanie C. Gorby, his wife | Chesapeake Appalachia, L.L.C. | 12.50% | 300A/271 | |
| | | character barrateria | Child Day durating Frances 110 | | 157A/540 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 14 2000 | | - |
| | | Christopher M, Campbell and Cherri Campbell, his wife | Chesupeake Appalachia, L.L.C. | 17.00% | 128A/650 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 1 | 157A/540 | |
| | | Cindy D. Adams and Randy G. Adams, wife and | Chesapeake Appalachia, L.L.C. | 12.50% | 99A/483 | 1 |
| | | nusband | | 1 | | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | | David A. Kraus a/k/a David Allen Kraus and | Crresapeake Appalachia, L.L.C. | 17.00% | 128A/548 | |
| | | Maximum V Venue his wife | Children Developer Common de U.C. | | 157A/540 | |
| | | Marianna K. Kraus, his wife Chesapeake Appalachia, L.L.C. | | | | 1 |
| | | Chesapeake Appalachia, I. L.C. | SWN Production Company, LLC Chesapeake Appalachia, LLC, | 12.50% | 100A/299 | |
| | | Chesapeake Appalachia, I. L.C. Debra Ann Piktel a/k/a Debra Piktel and David Stanley Piktel, her husband | Chesapeake Appalachia, LL.C. | 12,50% | 100A/299 | |
| | | Chesapeake Appalachia, L.L.C. Debra Ann Piktel a/k/a Debra Piktel and David Stanley Piktel, her husband Chesapeake Appalachia, L.L.C. | Chesapeake Appalachia, LL.C. SWN Production Company, LLC | | 157A/540 | |
| | | Chesapeake Appalachia, L.L.C. Debra Ann Piktel (X/a Debra Piktel and David Stanley Piktel, her husband Chesapeake Appalachia, L.L.C. Diana L. Thuer, a widow | Chesapeake Appalachia, LL.C. SWN Production Company, LLC SWN Production Company, LLC | 15.00% | 157A/540 184A/405 | |
| | | Chesapeake Appalachia, L.L.C. Debra Ann Piktei Jr/k/a Debra Piktel and David Staniey Piktel, her hussand Chesapeake Appalachia, L.L.C. Diana L. Thure, a widow Donald Eggenschwiler, a married man dealing in his | Chesapeake Appalachia, LL.C. SWN Production Company, LLC | | 157A/540 | |
| | | Chesapeake Appalachia, LLC. Debra Ann Piktel J/K/a Debra Piktel and David Stanike Piktel, her husband Chesapeake Appalachia, I. LC. Diana L. Thuer, a widow Donald Eggenschwiler, a married man dealing in his sole and separate property | Chesapeake Appalachia, LL.C. SWN Production Company, LLC SWN Production Company, LLC Chesapeake Appalachia, LL.C. | 15.00% | 157A/540 184A/405 134A/12 | - |
| | | Chesapeake Appalachia, L.L.C. Debra Ann Piktel 2K/a Debra Piktel and David Staniay Piktel, ker hustand Chesapeake Appalachia, L.L.C. Diana L. Thuer, a widow Donaid Eggenschwiler, a married man dealing in his sole and separate propenty Chesapeake Appalachia, L.L.C. | Chesapeake Appalachia, LL.C. SWN Production Company, LLC SWN Production Company, LLC Chesapeake Appalachia, LL.C. SWN Production Company, LLC | 15.00% 17.00% | 157A/540 184A/405 134A/12 157A/540 | |
| | | Chesapeake Appalachia, L.L.C. Debra Ann Piktei J/k/a Debra Piktel and David Staniey Piktel, her hussand Chesapeake Appalachia, L.L.C. Diana L. Thurr, a widow Donald Eggenschwiler, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Ellabetti Tapla, married dealing in her sole and | Chesapeake Appalachia, LL.C. SWN Production Company, LLC SWN Production Company, LLC Chesapeake Appalachia, LL.C. | 15.00% | 157A/540 184A/405 134A/12 | - |
| | | Chesapeake Appalachia, L.L.C. Debra Ann Piktel 2K/a Debra Piktel and David Staniay Piktel, ker hustand Chesapeake Appalachia, L.L.C. Diana L. Thuer, a widow Donaid Eggenschwiler, a married man dealing in his sole and separate propenty Chesapeake Appalachia, L.L.C. | Chesapeake Appalachia, LL.C. SWN Production Company, LLC SWN Production Company, LLC Chesapeake Appalachia, LL.C. SWN Production Company, LLC | 15.00% 17.00% | 157A/540 184A/405 134A/12 157A/540 | - |

EXHIBIT "A" Attached to and made a part of the State of West Virginia OII and Gas Form, WW-6A1, by SWN Production Company, LL.C, as Operate 4710303520 Vernon Johnson WTZ 401H Wetzel County, West Virginia

| | George B. Viewer W | SWN Production Company, L.L.C. | 17.50% | 186A/495 | |
|---------|---|--|--|---|---------|
| | George B. Vieweg IV SWN Production Company, LLC | Equinor USA Onshore Properties Inc. | | 219//468 | |
| | | Chesapeake Appalachia, LL.C. | 12.50% | 104A/383 | |
| | Gregory A. Gorby, any a Gregory Gorby and Cynonal Gorby, his wife | cites printe opported actes | | | |
| | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | () · · · · · · · · · · · · · · · · · · | 157A/540 | |
| | Gwendolyn J, Vieweg | SWN Production Company, LLC | 17.50% | 186A/503 | |
| | James A. Campell and Tinamarie Campbell, his wife | Chesapeake Appalachia, L.L.C. | 17.00% | 128A/646 | |
| | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | Jennifer Dvorak, married dealing in her sole and | SWN Production Company, LLC | 15.00% | 204A/929 | |
| | separate property Richard Paul Murphy, by his attorney-in-fact to App | Chesapeake Appalachia, L.L.C. | 17.00% | 128A/654 | |
| | Richard Paul Murphy, by his attorney-in-fact Jo Ann W. Murphy and Jo Ann W. Murphy, his wife | elizenthetike schengigering rene- | 11.0070 | | |
| | | | 1. A. | 1000 | |
| | Chesapeake Appalachia, LLC. | SWN Production Company, LLC | 12.50% | 157A/540 100A/484 | |
| | John Allan Moore a/k/a John A. Moore and Marcia W. Moore, his wife | Chesapeake Appalachia, L.L.C. | 12.50% | 10000464 | |
| | | SWN Production Company, U.C. | | 157A/540 | |
| | John K. Campbell, Jr., a single man | Chesapeake Appalachia, L.L.C. | 17.00% | 130A/38 | |
| | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | Kevin R. Milliken, a married man dealing in his sole | Chesapeake Appalachia, L.L.C. | 12.50% | 109A/120 | |
| | and separate property Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 1 | 157A/540 | |
| | Lance Everett Rhodes | SWN Production Company, LLC | 17.50% | 186A/509 | |
| | | SWN Production Company, LLC | 15.00% | 212A/835 | |
| | Goodin, Trustees of the Helen G. Dewell Trust dated | | | | |
| | May 1, 1990 Lois J. Bellaire a/k/a Lois Bellaire, a widow | SWN Production Company, LLC | 17.00% | 185A/17 | |
| | | | | | |
| | Mark A. Kraus a/k/a Mark Albert Kraus, a single | Chesapeake Appalachia, I.1.C. | 17.00% | 128A/553 | |
| | man Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | Melissa Campbell | SWN Production Compoany, LLC | 17.00% | 186A/505 | |
| | Merle Donna Wright a/k/a Merle Oates a/k/a Merle | SWN Production Company, LLC | 14.00% | 184A/407 | |
| | Donna Gates and Norman L. Wright, her husband | | | | |
| | Patrice Strachan, married dealing in her sole and | SWN Production Company, LLC | 15.00% | 204A/925 | |
| | separate property | | | | |
| | Patricia Ann McCann a/k/a Patry McCann, a/k/a Patricia A. McCann, a single woman | Chesapeake Appałachia, L.L.C. | 17.00% | 127A/367 | |
| | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | Robert A. Petitte, Jr. a/k/a Robert Petitte, Jr. and | Chesapeake Appalachia, L.L.C. | 12.50% | 100A/858 | |
| | Anita F. Petitte, his wife | | | 157A/540 | |
| | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC Chesapeake Appalachia, LL.C. | 17.00% | 157A/540 127A/372 | |
| | Ronald T. Frederickson and Jeanette Frederickson, tris wife | Consuperve oppositente, LL.C. | 17.00/8 | 1.000 | |
| | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 157A/540 | |
| | Suzanne Rexroad, a married woman daling in her | Chesapeake Appalachia, L.L.C. | 12.50% | 109A/29 | |
| | sole and separate property Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | - 14 | 157A/540 | |
| | Silvia Phillips a/k/a Sylvia Phillips, a widow | Chesapeake Appalachia, LLC. | 17.00% | 134A/3 | |
| | | | 1000 | | |
| | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 15.00% | 157A/540 | |
| | Terri Barrow, a married woman dealing in her sole | SWN Production Company, LLC | | 204A/775 | |
| | | and a second | 15.00% | | |
| | and separate property William F. Vieweg a/k/a William Francis Vieweg and | SWN Production Company, LLC | 17.50% | 186A/507 | |
| 1224 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife | SWN Production Company, LLC | 17.50% | 186A/507 | 0.5944% |
| 1-3-2,1 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners | SWN Production Company, LLC | 17.50% N/A | 186A/507 N/A | 0.6944% |
| 1-3-2,1 | and separate property William F. Vieweg alk/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alan R. Bradley | SWN Production Company, LLC N/A SWN Production Company, LLC | 17.50% N/A 12.50% | 186A/507 N/A 187A/685 | 0,6944% |
| 1-3-2,1 | and separate property William F. Vieweg alk/a William Francis Vieweg and Susan Vieweg, his wife Royality Gwners Alan R. Bradley Black Bear Oil & Gos, LLC | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC | 17.50% N/A | 186A/507 N/A | 0,6944% |
| 1-3-2,1 | and separate property William F. Vieweg alk/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alan R. Bradley | SWN Production Company, LLC N/A SWN Production Company, LLC | 17.50% N/A 12.50% | 186A/507 N/A 187A/685 156A/482 | 0,6944% |
| 1-3-2,1 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alan R. Bradley Black Bear Oli & Gas, 11 C Chesapeake Appalachia, LL.C. Chesapeake Appalachia, LL.C. | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% | 186A/507 N/A 187A/685 156A/482 165A/673 | 0.6944% |
| 1-3-2.1 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 | 0.6944% |
| 1-3-2.1 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alam R. Bradley Black Bear Oil & Gas, 11C Chesapeake Appslachia, LLC. Chesapeake Appslachia, LLC. DiX Oil & Gas Sugar Run, LLC | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC SWN Production Company, LLC Chesapeake Appalachia, LLC | 17.50% N/A 12.50% 17.00% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 | 0.6944% |
| 13-2.1 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 | 0,6944% |
| 1-3-2,1 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Applatchia, LLC. Chesapeake Applatchia, LLC. DIX Oli & Gas Sugar Ru, LLC Chesapeake Applatchia, LLC. Donna McGione Dwipt D. Hall and Patti Jo Hall, husband and wife | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 | 0,6944% |
| 1-3-2,1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DiX Oli & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% | 186A/507 N/A 187A/685 156A/682 156A/673 167A/9 128A/659 157A/550 157A/550 157A/550 157A/550 157A/550 157A/550 157A/550 157A/550 157A/550 157A/655 157A/550 157A/550 157A/655 157A/656 157A/658 157 | 0.6944% |
| 1-3-2.1 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Ownera Alam R. Bradley Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DiX Oli & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGiane Donght D. Hall and Patti Jo Hall, husband and wife Faye Anne Sure James L. Hall | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 | 0.5944% |
| 1-3-2.1 | and separate property William F. Yewega JK/A William Francis Vieweg and Susan Vieweg, his wife Alarn R. Bradley Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DiX Oli & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James L. Hall Jamtes Smith Jr., a single man | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% 18.00% 12.50% | 186A/507 187A/685 187A/685 156A/482 165A/482 165A/482 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 2013A/572 199A/924 | 0.5944% |
| 13-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGlone Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gare James S. Hall James Smith Jr., a single man Jan Rose Smallwood | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 | 0.6944% |
| 13-2.1 | and separate property William F. Yewega JK/A William Francis Vieweg and Susan Vieweg, his wife Alarn R. Bradley Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DiX Oli & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James L. Hall Jamtes Smith Jr., a single man | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% | 186A/507 187A/685 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 199A/924 188A/880 90A/78 | 0.6944% |
| 1-3-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Gwners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGlane Dwilgh D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James S: Hall James S: Hall James S: Mall L, Singer Market Barbara, J. Kicoyne, Widow, by her attorney-in-fact Barbara J. Kilooyne, LLC. | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% 12.50% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 187A/689 201A/572 187A/689 201A/572 199A/924 188A/880 90A/78 157A/540 | 0.6944% |
| 1-3-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DiX Oll & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James L. Hall James Smith Jr., a single man James Smith Jr., a single man Jam Ross Smallwood Creta G. Kilcoyne, widow, by her attorney-in-fact Barbara J. Kilcoyne Chesapeake Appalachia, LLC. Karen Sue Measley, f/k/a Karen Sue Francis Hall and | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% | 186A/507 187A/685 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 199A/924 188A/880 90A/78 | 0.5944% |
| 13-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Gwners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGlane Dwilgh D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James S: Hall James S: Hall James S: Mall L, Singer Market Barbara, J. Kicoyne, Widow, by her attorney-in-fact Barbara J. Kilooyne, LLC. | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% 12.50% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 187A/689 201A/572 187A/689 201A/572 199A/924 188A/880 90A/78 157A/540 | 0.5944% |
| 13-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DiX Oll & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James L. Hall James Smith Jr., a single man James Smith Jr., a single man Jam Ross Smallwood Creta G. Kilcoyne, widow, by her attorney-in-fact Barbara J. Kilcoyne Chesapeake Appalachia, LLC. Karen Sue Measley, f/k/a Karen Sue Francis Hall and | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% 12.50% | 186A/507 1/A 187A/65 156A/482 165A/482 165A/482 165A/482 128A/659 157A/540 187A/689 201A/572 199A/78 157A/540 200A/1 288A/482 | 0.6944% |
| 1-3-2.1 | and separate property William F. Vieweg a/k/a William Francis Vieweg and Susan Vieweg, fils wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Dirona McGilone Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure James L Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, Widow, by her attorney-in-fact Barbera J. Klicoyne Chesapeake Appalachia, LLC. Karen Sue Measley, Jr., a her husband Lana B. Kuhl Anna L. Buzzard | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 16.00% 16.00% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% | 186A/507 187A/685 187A/685 156A/482 165A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 199A/38 157A/540 200A/1 188A/482 90A/1 | 0.6944% |
| 1-3-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Gwners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. DONIA McGlane Dwilph D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James S. Hall James Smith Jr, a single man James Smith Jr, a single man James Smith Jr, a single man Chesapeake Appalachia, LLC. Karen Sue Measley, <i>Tk/a</i> Karen Sue Francis Hall and Ross Edwin Measley, <i>LLC</i> . | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 16.00% 18.00% 18.00% 12.50% 16.00% 12.50% 16.00% 12.50% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 187A/689 201A/572 187A/689 201A/572 187A/689 201A/572 187A/689 201A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 157A/540 200A/1 200A/1 | 0.6944% |
| 1-3-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Dix Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure James L. Hall James Smith Jr., a single man James Smith Jr., a single man James Smith Jr., a single man Chesapeake Appalachia, LLC. Karen Sue Measley, <i>Irk/a</i> Karen Sue Francis Hall and Ross Edwin Measley, <i>Jr.</i> , her husband Lana B. Kuhl Anna L. Buzzard Chesspeake Appalachia, LLC. Marlene Kay Musgrave and Wayne T. Musgrave, | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% 12.50% | 186A/507 187A/685 187A/685 156A/482 165A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 199A/38 157A/540 200A/1 188A/482 90A/1 | 0.6944% |
| 13-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Gwners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. DONIA McGlane Dwilph D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James S. Hall James Smith Jr, a single man James Smith Jr, a single man James Smith Jr, a single man Chesapeake Appalachia, LLC. Karen Sue Measley, <i>Tk/a</i> Karen Sue Francis Hall and Ross Edwin Measley, <i>LLC</i> . | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 16.00% 18.00% 18.00% 12.50% 16.00% 12.50% 16.00% 12.50% | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 187A/689 201A/572 187A/689 201A/572 187A/689 201A/572 187A/689 201A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 187A/689 200A/7 157A/540 200A/1 200A/1 | 0.5944% |
| 13-2.1 | and separate property William F. Vieweg alk/la William Francis Vieweg and Susan Vieweg, his wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Applatchia, LLC. Chesapeake Applatchia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure James J. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, Widow, by her attorney-in-fact Barbara J. Klicoyne Chesapeake Applatchia, LLC. Karen Sue Measley, Jr., a her husband Lana B. Kuhl Anna L. Buzzard Chesapeake Applatchia, LLC. Marlene Kay Musgrave and Wayne T. Musgrave, Wife and husband Mas Hinerman and Loretta Hinerman, his wife | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% 12.50% 16.00% 12.50% 12.50% | 186A/507 N/A 187A/685 187A/685 156A/482 165A/482 165A/673 157A/540 186A/258 200A/7 187A/689 201A/572 199A/924 188A/880 90A/78 157A/540 200A/1 188A/482 90A/1 157A/540 202A/10 157A/540 202A/10 | 0.6944% |
| 1-3-2.1 | and separate property William F: Vieweg a/k/a William Francis Vieweg and Susan Vieweg, his wife Royalty Gwners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. DONIA McGlane Dwilph D. Hall and Patti Jo Hall, husband and wife Faye Anne Gare James S. Hall James S. Hall James S. Hall James S. Hall Chesapeake Appalachia, LLC. Williom D. J. Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGlane Dwilph D. Hall and Patti Jo Hall, husband and wife Faye Anne Gare James S. Hall James S. Kull Chesapeake Appalachia, LLC. Karen Sue Measley, <i>It/k</i> a Karen Sue Francis Hall and Ross Edwin Measley, <i>It/k</i> a Karen Sue Francis Hall and Ross Edwin Measley, <i>It/k</i> a Karen Sue Francis Hall and Ross Edwin Measley, <i>LLC.</i> Marfane Kay Musgrave and Wayne T. Musgrave, wife and husband Max Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli a/k/a Patricia Ann Hall | SWN Production Company, LLC M/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% 12.50% 16.00% 12.50% 12.50% | 186A/507 N/A 187A/685 156A/482 165A/482 165A/482 165A/53 128A/659 157A/540 186A/258 200A/7 187A/689 2013A/572 187A/689 2013A/572 199A/78 157A/540 200A/1 188A/482 90A/1 157A/540 202A/10 | 0.6944% |
| 1-3-2.1 | and separate property William F. Vieweg alk/la William Francis Vieweg and Susan Vieweg, his wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Applatchia, LLC. Chesapeake Applatchia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure James L Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, Widow, by her attorney-in-fact Barbara J. Klicoyne Chesapeake Applatchia, LLC. Karen Sue Measley, Jr., a her husband Lana B. Kuhl Anna L. Buzzard Chesapeake Applatchia, LLC. Marlene Kay Musgrave and Wayne T. Musgrave, Wife and husband Mas Hinerman and Loretta Hinerman, his wife | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% 12.50% 16.00% 12.50% 12.50% | 186A/507 N/A 187A/685 187A/685 156A/482 165A/482 165A/673 157A/540 186A/258 200A/7 187A/689 201A/572 199A/924 188A/880 90A/78 157A/540 200A/1 188A/482 90A/1 157A/540 202A/10 157A/540 202A/10 | 0.6944% |
| 13-2.1 | and separate property William F. Keweg alv/A William Francis Vieweg and Susan Vieweg, his wife Broyalty Owners Alam R. Bradley Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Donna McGione Dix Oli & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James L. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Kicoyna, widow, by her attorney-in-fact Barbara J. Kicoyne Chesapeake Appalachia, LLC. Maren Sue Measley, f/k/a Karen Sue Francis Hall and Ross Edwin Measley, Jr., her husband Lana B. Kuhl Anna L. Buzzard Chesapeake Appalachia, LLC. Marlense Kay Musgrave and Wayne T. Musgrave, <i>wife</i> and husband Max Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli al/k/a Patricia Ann Hall Wheeler al/ka Patricia Ann Hall Smith, married, dealing in sole and separate property | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 16.00% 16.00% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% | 186A/507 N/A 187A/685 156A/482 166A/482 166A/482 166A/482 128A/559 157A/540 186A/258 201A/572 199A/78 201A/572 199A/78 157A/540 200A/1 208A/185 187A/687 187A/687 187A/687 | 0.6944% |
| 13-2.1 | and separate property William F. Vieweg alk/la William Francis Vieweg and Susan Vieweg, his wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure James Simith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, widow, by her attorney-in-fact Barbara J. Klosyne Chesapeake Appalachia, LLC. Karen Sue Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Jrk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Harti Mark Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli <i>Ark/a</i> Patricia Ann Hall Wheeler <i>Ark/a</i> Patricia Ann Hall Smith, married, dealing in sole and separate property Sue Carel Anglin</i></i></i></i></i></i> | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 12.50% 16.00% 18.00% 12.50% 16.00% 12.50% 16.00% 12.50 | 186A/507 N/A 187A/685 156A/682 165A/682 165A/673 157A/540 186A/258 200A/7 187A/689 201A/572 201A/572 201A/572 200A/1 187A/689 201A/572 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 197A/1 157A/540 200A/1 157A/540 197A/1 157A/540 200A/1 157A/540 157A/540 157A/540 157A/540 157A/540 157A/540 157A/540 | 0.6944% |
| 1-3-2.1 | and separate property William F: Vieweg alk/la William Francis Vieweg and Susan Vieweg, fils wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. DOW B. Comparison of the second | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 17.00% 12.50% 12.50% 16.00% 16.00% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% 12.50% | 186A/507 N/A 187A/685 156A/482 166A/482 166A/482 166A/482 128A/559 157A/540 186A/258 201A/528 201A/527 199A/782 199A/782 109A/78 157A/540 200A/1 157A/540 202A/10 187A/687 198A/155 | 0.6944% |
| 13-2.1 | and separate property William F. Vieweg alk/la William Francis Vieweg and Susan Vieweg, his wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure James Simith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, widow, by her attorney-in-fact Barbara J. Klosyne Chesapeake Appalachia, LLC. Karen Sue Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Jrk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, <i>Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Francis Hall and Ross Edwin Measley, Irk/a Karen Sue Harti Mark Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli <i>Ark/a</i> Patricia Ann Hall Wheeler <i>Ark/a</i> Patricia Ann Hall Smith, married, dealing in sole and separate property Sue Carel Anglin</i></i></i></i></i></i> | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 12.50% 16.00% 18.00% 12.50% 16.00% 12.50% 16.00% 12.50 | 186A/507 N/A 187A/685 156A/682 165A/682 165A/673 157A/540 186A/258 200A/7 187A/689 201A/572 201A/572 201A/572 200A/1 187A/689 201A/572 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 197A/1 157A/540 200A/1 157A/540 197A/1 157A/540 200A/1 157A/540 157A/540 157A/540 157A/540 157A/540 157A/540 157A/540 | 0.6944% |
| | and separate property William F: Vieweg alk/la William Francis Vieweg and Susan Vieweg, fils wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. DOWIGH D. Hall and Patti Jo Hall, husband and wife Faye Anne Gare James S. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, widow, by her attorney-in-fact Barbara J. Klicoyne Chesapeake Appalachia, LLC. Naren Sue Measley, <i>It/A</i> Karen Sue Francis Hall and Ross Edwin Measley, <i>Ir.</i> , her husband Lana B. Kuhl Lana B. Kuhl Lana B. Kuhl Anna L. Buztard Chesapeake Appalachia, LLC. Marfiene Kay Musgrave and Wayne T. Musgrave, wife and husband Max Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli al/k/a Patricia Ann Hall Wheeler a/k/a Patricia han Hall Smith, married, dealing in sole and separate property Sue Card Anglin Thomas G. Hall, a married man dealing in his sole and separate peroperty Royalky Owners. | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 16.00% 16.00% 16.00% 12.50% 16.00% 12.50% 16.00% 12.50 | 186A/507 N/A 187A/685 156A/482 165A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 187A/689 201A/78 157A/540 200A/1 157A/540 157A | |
| | and separate property William F. Keweg alv/A William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alam R. Bradley Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Donna McGione DWight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James L. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Kilcoyne, widow, by her attorney-in-fact Barbara J. Kilcoyne Chesapeake Appalachia, LLC. Mardina E. Kull Marten Beaster, Jr., her husband Lana B. Kuhl Anna L. Buzzard Chesapeake Appalachia, LLC. Mardina E. Kull Anna L. Buzzard Chesapeake Appalachia, LLC. Mardine Kay Musgrave and Wayne T. Musgrave, Wife and husband Mas Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli alv/a Patricia Ann Hall Wheeler alv/a Patricia Ann Hall Smith, married, dealing in sole and separate property Sue Carol Anglin Thomas G. Hall, a married man dealing in his sole and agarate peroperty Black Bear Oli & Gas, LLC | SWN Production Company, LLC W/A SWN Production Company, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 12.50% 16.00% 18.00% 12.50% 16.00% 12.50% 16.00% 12.50 | 186A/507 N/A 187A/685 156A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 2013A/572 199A/934 157A/540 200A/1 188A/482 90A/1 157A/540 200A/1 188A/482 90A/1 157A/540 200A/1 188A/482 199A/185 159A/55 199A/943 199A/943 199A/943 199A/948 | |
| | and separate property William F. Vieweg alk/la William Francis Vieweg and Susan Vieweg, his wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure James J. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, widow, by her attorney-in-fact Barbara J. Klicoyne Chesapeake Appalachia, LLC. Karen Sue Measley, <i>If</i> /k/a Karen Sue Francis Hall and Ross Edwin Measley, <i>LLC</i> . Karen Sue Kapalachia, LLC. Martine K. Kuhl Anna L. Buzzard Chesapeake Appalachia, LLC. Martene K. Afward L. L.C. Martene K. Afward Levetta Hinerman, his wife Patricia Wheeler Castelli al/Ka Patricia Ann Hall Wheeler Afk/a Patricia Ann Hall Smith, married, dealing in sole and separate property Sue Carol Anglin Thomas G. Hall, a married man dealing in his sole and separate peroperty Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC SWN Producti | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 16.00% 16.00% 16.00% 12.50% 16.00% 12.50% 16.00% 12.50 | 186A/507 N/A 187A/685 156A/482 165A/482 126A/673 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 199A/924 188A/880 90A/78 157A/540 200A/1 188A/482 90A/1 157A/540 202A/10 187A/687 199A/943 199A/943 199A/943 156A/482 156A/482 156A/482 156A/482 156A/673 N/A 187A/685 156A/482 156A/673 156A/673 156A/685 | |
| | and separate property William F. Vieweg alk/la William Francis Vieweg and Susan Vieweg, fils wile Royalty Gwners Alan R. Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Dix Oli & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gure James Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, widow, by her attorney-in-fact Barbera J. Klicoyne Chesapeake Appalachia, LLC. Martes Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, Widow, by her attorney-in-fact Barbera J. Klicoyne Chesapeake Appalachia, LLC. Marten Sue Measley, Jr., her husband Lana B. Kuhl Anna L. Buzzard Chesapeake Appalachia, LLC. Martine Kay Musgrave and Wayne T. Musgrave, Wife and husband Max Hinerman and Loretta Hinerman, his wife Partica Wheeler Gastelli al/ka Particia Ann Hall Wheeler al/ka Particia Ann Hall Smith, married, dealing in sole and separate property Sue Carol Anglin Thomas G. Hall, a married man dealing in his sole and separate peroperty Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. | SWN Production Company, LLC M/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 12.50% 16.00% 18.00% 12.50% 16.00% 12.50% 16.00% 12.50 | 186A/507 N/A 187A/685 156A/482 165A/482 165A/482 165A/482 157A/540 187A/659 157A/540 186A/258 200A/7 187A/689 2013/572 199A/78 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 199A/78 157A/540 200A/1 157A/540 199A/78 159A/155 199A/918 N/A 187A/685 156A/482 165A/673 167A/9 | |
| | and separate property William F: Vieweg alk/la William Francis Vieweg and Susan Vieweg, fils wife Royalty Gwners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. DONIA McGlone Dwilph D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James S. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, widow, by her attorney-in-fact Bathera J. Klicoyne Chesapeake Appalachia, LLC. Karen Sue Measley, Jr., her husband Lana B. Kuhl Anna L. Butzard Chesapeake Appalachia, LLC. Marfiene Kay Musgrave and Wayne T. Musgrave, wife and husband Max Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli al/k/a Patricia Ann Hall Wheeler a/k/a Patricia Ann Hall Sue Carol Anglin Thomas G. Hall, a married man dealing in his sole and segarate peroperty Black Bear Oil & Gas, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Bathera J. Myan P. T. Musgrave, Wife and husband Max Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli al/k/a Patricia Ann Hall Wheeler al/k/a Patricia Ann Hall Smith, marred, dealing in sole and separate property Sue Carol Anglin Thomas G. Hall, a married man dealing in his sole and separate peroperty Black Bear Oil & Gas, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC SWN Producti | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 16.00% 16.00% 16.00% 12.50% 16.00% 12.50% 16.00% 12.50 | 186A/507 N/A 187A/685 156A/482 165A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 187A/689 201A/572 187A/689 90A/78 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 1198A/482 90A/1 157A/540 1197A/540 1107A/5 1197A/540 1107A/5 1197A/540 1107A/5 | |
| | and separate property William F. Kweng al/A William Francis Vieweg and Susan Vieweg, his wife Royalty Owners Alam R. Bradley Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Donna McGione DWight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James L. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Kilcoyne, wikdow, by her attorney-in-fact Barbara J. Kilcoyne Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Donna McGione Dwight D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James L. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Kilcoyne, wikdow, by her attorney-in-fact Barbara J. Kilcoyne Chesapeake Appalachia, LLC. Marlane Kay Musgrave and Wayne T. Musgrave, Wife and husband Max Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli al/Ja Patricia Ann Hall Smith, marred, dealing in sole and separate property Sue Carol Anglin Thomas G. Hall, a married man dealing in his sole and separate peroperty Boyalty Owners Alam II. Bradley Black Bear Oli & Gas, LLC Chesapeake Appalachia, LLC. Dis Oli & Gas Sugar Ru, LLC Chesapeake Appalachia, LLC. | SWN Production Company, LLC N/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC SWN Producti | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 12.50% 16.00% 16.00% 12.50% 16.00% 12.50 | 186A/507 187A/685 187A/685 156A/482 165A/482 165A/482 128A/659 157A/540 186A/258 200A/7 187A/689 2013/572 199A/924 188A/880 90A/73 157A/540 200A/1 188A/482 90A/1 157A/540 202A/10 187A/687 199A/943 199A/943 199A/943 156A/482 155A/55 156A/482 156A/482 156A/482 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 156A/485 157A/540 157A/540 157A/545 156A/485 156A/485 156A/485 157A/540 157A/540 157A/545 156A/485 156A/485 157A/540 157A/545 156A/485 156A/485 157A/540 157A/545 157A/540 157A/540 157A/545 157A/540 157A/54 | |
| | and separate property William F: Vieweg alk/la William Francis Vieweg and Susan Vieweg, fils wife Royalty Gwners Alan R, Bradley Black Bear Oll & Gas, LLC Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. DIX Oil & Gas Sugar Run, LLC Chesapeake Appalachia, LLC. DONIA McGlone Dwilph D. Hall and Patti Jo Hall, husband and wife Faye Anne Gore James S. Hall James Smith Jr., a single man Jan Rose Smallwood Creta G. Klicoyne, widow, by her attorney-in-fact Bathera J. Klicoyne Chesapeake Appalachia, LLC. Karen Sue Measley, Jr., her husband Lana B. Kuhl Anna L. Butzard Chesapeake Appalachia, LLC. Marfiene Kay Musgrave and Wayne T. Musgrave, wife and husband Max Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli al/k/a Patricia Ann Hall Wheeler a/k/a Patricia Ann Hall Sue Carol Anglin Thomas G. Hall, a married man dealing in his sole and segarate peroperty Black Bear Oil & Gas, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. Bathera J. Myan P. T. Musgrave, Wife and husband Max Hinerman and Loretta Hinerman, his wife Patricia Wheeler Castelli al/k/a Patricia Ann Hall Wheeler al/k/a Patricia Ann Hall Smith, marred, dealing in sole and separate property Sue Carol Anglin Thomas G. Hall, a married man dealing in his sole and separate peroperty Black Bear Oil & Gas, LLC. Chesapeake Appalachia, LLC. Chesapeake Appalachia, LLC. | SWN Production Company, LLC W/A SWN Production Company, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC SWN Producti | 17.50% N/A 12.50% 12.50% 12.50% 12.50% 12.50% 16.00% 18.00% 12.50% 16.00% 12.50% 16.00% 12.50 | 186A/507 N/A 187A/685 156A/482 165A/482 165A/673 167A/9 128A/659 157A/540 186A/258 200A/7 187A/689 201A/572 187A/689 201A/572 187A/689 90A/78 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 200A/1 157A/540 1198A/482 90A/1 157A/540 1197A/540 1107A/5 1197A/540 1107A/5 1197A/540 1107A/5 | |

EXHIBIT "A" Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a prestor 1 0 3 0 3 5 2 0 Vernon Johnson WTZ 401H Wester County, West Virginia

Wetzel County, West Virginia

| 1 | I | James L. Hall | SWN Production Company, LLC | 18.00% | 201A/572 | 1 |
|----------|---------------|---|---|------------------|--------------------|---------|
| | | James Smith Jr., a single man | SWN Production Company, LLC | 12.50% | 199A/924 | |
| | | Jan Rose Smallwood | SWN Production Company, LLC | 16.00% | 188A/880 | |
| | | Creta G. Kilcoyne, widow, by her attorney-in-fact | Chesapeake Appalachia, LLC | 12.50% | 90A/78 | |
| | | Barbara J. Kilcoyne | Citility Resolution Company, U.C. | | 157A/540 | |
| | | Chesapeake Appalachia, L.L.C. Karen Sue Measley, f/k/a Karen Sue Francis Hall and | SWN Production Company, LLC | 16.00% | 200A/1 | |
| | | Ross Edwin Measley, Jr., her husband | | | | |
| | | | | 12.50% | 188A/482 | |
| | | Lana B. Kuhi | SWN Production Company, LLC Chesapeake Appalachia, LLC | 12.50% | 90A/1 | |
| | | Anna L. Buzzard Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 11.0010 | 157A/540 | |
| | | Marlene Kay Musgrave and Wayne T. Musgrave, | SWN Production Company, LLC | 12.50% | 202A/30 | |
| | | wife and husband | | | | |
| | | Max Hinerman and Loretta Hinerman, his wife | SWN Production Company, LLC | 16.00% | 187A/687 | |
| | | Patricia Wheeler Castelli a/k/a Patricia Ann Hall | SWN Production Company, LLC | 12.50% | 198A/155 | |
| | | Wheeler a/k/a Patricia Ann Hall Smith, married, | | | | |
| | | dealing in sole and separate property | | | | |
| | | Sue Carol Anglin | SWN Production Company, LLC | 16.00% | 199A/943 | |
| | | Thomas G. Hall, a married man dealing in his sole | SWN Production Company, LLC | 16.00% | 199A/938 | |
| | | and separate peroperty | | 17 0000/ | 723/624 | 0.0000% |
| 7 | 7-24-1 pt. 27 | Hayhurst Company, a Florida General Partnership | Chesapeake Appalachia, LL.C. | 17.000% | /23/024 | 0.0007 |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | James Edward Doull, a married man dealing in his | Chesapeake Appalachia, LL.C. | 12.500% | 685/221 | 1 |
| | | sole and separate property Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Ernest N. Keller a/k/a Ernest M. Keller and Pearl H. | Chesapeake Appalachia, L.L.C. | 12.50% | 683/390 | ļ |
| | 1 | Keller, his wife | SWN Production Company, U.C. | | 33/110 | |
| | | Chesapeake Appalachia, L.L.C. Robert Lee Keller and Mary Kay Keller, his wife | SWN Production Company, LLC Chesapeake Appalachia, LL.C. | 12.50% | 683/349 | |
| | | | | | | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC Chesapeake Appalachia, LL.C. | 12.50% | 33/110 684/1 | |
| | | Carolyn Joyce Daugherty, single Chesapeake Appalachia, L.IC. | SWN Production Company, LLC | | 33/110 | |
| | | Neva E. Keller, a widow | Chesapeake Appalachia, LL.C. | 12.50% | 688/127 | |
| | | Chesapeake Appalachia, L.L.C. Donna J. Savage, a married woman dealing in her | SWN Production Company, LLC Chesapeake Appalachia, LL.C. | 12.50% | 33/110 684/117 | |
| | | sole and separate property | | | | 1 |
| <u> </u> | | Chesapeake Appalachia, L.L.C. Christopher G. Adams and Frica Adams, his wife | SWN Production Company, LLC Chesapeake Appalachia, L.L.C. | 17.00% | 33/110 761/402 | 0.0000% |
| 7 | 7-24-1 pt. 26 | Christopher G. Adams and Frica Adams, his wire | Chesapeake Appalachia, L.C. | 17.00% | 701/402 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Derrick H. Adams and Suzanne Adams, his wife | Chesapeake Appalachia, L.L.C. | 17.00% | 761/395 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Paul Charles Adams, a single man | Chesapeake Appalachia, LL.C. | 17.00% | 750/169 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Bruce D. Bonar and Sandra C. Bonar, his wife | Chesapeake Appalachia, LL.C. | 17.00% | 751/608 | |
| | | | | | 33/110 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 17.00% | 747/270 | |
| | | Lee D. Bonar and Bonnie M. Bonar, his wife | Chesapeake Appalachia, L.L.C. | 17.00% | 141/2/0 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Charles W. Bonar and Charlotte L. Bonar, his wife | Chesapeake Appalachia, L.L.C. | 17.00% | 755/109 | 1 |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | · |
| | | Brian Harris Bonar, Power of Attorney for Katherine | SWN Production Company, L.L.C. | 16.00% | 951/337 | 1 |
| | | L. Bonar, a widow | | | | |
| | | Ronald E. Bonar, a single man | Chesapeake Appalachia, L.L.C. | 17.00% | 754/616 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | The Estate of Richard L. Bonar, by Saundra J. Bonar, acting as Executor and Saundra J. Bonar, a widow | Chesapeake Appalachia, L.L.C. | 17.00% | 751/167 | |
| | | acting as executor and satisfiers, contar, a whow | | | | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | William D. Bonar and Gloria A. Bonar, his wife | Chesapeake Appalachia, L.L.C. | 17.00% | 746/271 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Arnell Elizabeth Bowser and Glen F. Bowser, her | Chesapeake Appelachia, L.L.C. | 17.00% | 778/28 | ľ |
| | | husband | | | | |
| | l | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 16.00% | 33/110 955/350 | |
| | | Cornelia C. Browne, widow Clyde W. Caseman and Alicia L. Caseman, his wife | SWN Production Company, L.L.C. Chesapeake Appalachia, L.L.C. | 17.00% | 748/401 | |
| | | arree w. caseman and Ancia L. caseman, his wire | , | | | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Joseph W. Caseman and Gretchen V. Caseman, his | Chesapeake Appalachia, L.L.C. | 17.00% | 747/600 | |
| | | wife Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Nelda S. Clark, widow | SWN Production Company, LLC. | 16.00% | 955/243 | I |
| | | Robert Clark Adams and Charlotte A. Adams, his | Chesapeake Appalachia, LL.C. | 17.00% | 749/622 | |
| | | wife | | | 32/440 | |
| | | Chesapeake Appalachia, L.L.C. David Edwards. single | SWN Production Company, LLC SWN Production Company, LLC. | 17.00% | 33/110 1046/565 | |
| | | Richard Cunliffe Edwards, a/k/a Richard Cunliff | Chesapeake Appalachia, L.L.C. | 17.00% | 775/409 | |
| | 1 | Edwards, a widower | | | | |
| | 1 | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Richard Edwards, married dealing in his sole and | SWN Production Company, L.L.C. | 17.00% | 961/213 | |
| | | separate property Thomas Edwards, married dealing in his sole and | SWN Production Company, L.L.C. | 17.00% | 962/430 | |
| | | separate property | | | | |
| | | Roberta M. Snyder, a/k/a Roberta Mary Clark, a widow | Chesapeake Appalachia, L.L.C. | 17.00% | 749/96 | |
| | 1 | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | 1 |
| | | | Chesapeake Appalachia, L.L.C. | 17.00% | 748/503 | |
| | | Sandra K. Groux and Harry W. Groux, her husband | | | | |
| | | | SWN Production Company, LLC | | 33/110 | 1 |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC SWN Production Company, L.L.C. | 17.00% | 33/110 890/158 | |
| | | Chesapeake Appalachia, L.L.C. Edward Martin Sedor, a widower, by his Attorney-In- Fact, Mark A. Sedor | SWN Production Company, L.L.C. | 17.00% | 890/158 | |
| | | Chesapeake Appalachia, L.L.C. Edward Martin Sedor, a widower, by his Attorney-In- Fact, Mark A. Sedor William L. McCutcheon, a widower | SWN Production Company, L.L.C. Chesapeake Appalachia, L.L.C. | 17.00% 17.00% | 890/158 751/602 | |
| | | Chesapeake Appalachia, L.L.C. Edward Martin Sedor, a widower, by his Attorney-In- Fact, Mark A. Sedor | SWN Production Company, L.L.C. | | 890/158 | |

EXHIBIT "A" Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LL.C, 40 7 rator 10303035200 Vernon Johnson WTZ 401H

Wetzel County, West Virginia

| 1 Josephi Segue Additional Control Con | | | | | | | |
|---|-------------|---------------|---|--|--|--|---------|
| 2 Particle Lines Area 20000 20000 2 Particle Lines Area 20000 20000 3 Particle Lines Area 20000 20000 4 Particle Lines Area 20000 20000 20000 5 Particle Lines Area 20000 20000 200000 6 Particle Lines Area 20000 200000 200000 7 Particle Lines Area 20000 200000 200000 7 Particle Lines Area 200000 200000 200000 200000 7 Particle Lines Area 200000 200000 200000 200000 7 Particle Lines Area 200000 200000 200000 200000 1000000000000000000000000000000000000 | | 1 | | Chesapeake Appalachia, LL.C. | 17.00% | 768/154 | 1 |
| 2 1.344 (2) - 2.328 1.345 1.345 1 1.344 1.345 1.345 1 1.344 1.345 1.345 1 1.344 1.345 1.345 1 1.344 1.345 1.345 1 1.344 1.345 1.345 1 1.344 1.345 1.345 1 1.344 1.345 1.345 1 1.344 1.345 1.345 1 1.344 1.344 1.345 1.345 1 1.344 1.345 1.345 1.345 1 1.344 1.345 1.345 1.345 1.345 1 1.344 1.345 1.345 1.345 1.345 1.345 1 1.345 1.345 1.345 1.345 1.345 1.345 1 1.345 1.345 1.345 1.345 1.345 1.345 1.345 1.345 1 1.345 1.345 | | | | | | | |
| 2 PA4 8, 52 PA4 9, 52 PA4 9, 52 PA4 9, 52 2 PA4 9, 52 2 PA4 9, 52 PA4 9, 52 </td <td></td> <td></td> <td>and Gary D. Morgan, her husband, and John W. Orr</td> <td></td> <td></td> <td></td> <td></td> | | | and Gary D. Morgan, her husband, and John W. Orr | | | | |
| 7 7.244 (J.1.6) 13.000 100/00 7 7.244 (J.1.6) 10.000 10.000 10.000 7 7.244 (J.1.6) 10.000 10.000 10.000 7 7.244 (J.1.6) 10.000 10.000 10.000 10.000 7 7.244 (J.1.6) 10.000 10.000 10.000 10.000 10 10.000 10.000 10.000 10.000 10.000 10 10.000 10.000 10.000 10.000 10.000 10 10.000 | | | | | | | |
| 2 7 7-244 pt 10 0.500000000000000000000000000000000000 | 1 | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| 7 7 244 (p.13) Advisory for service and segues graphing and service and segues graphing base of the service and segues an | | | | | | |] |
| 7 72-84 (J.1) 72-764 (J.1) 72-764 (J.1) 1 Non-section (J.1) Non-section (J.1) 72-764 (J.1) 72-764 (J.1) 1 Non-section (J.1) Non-section (J.1) 72-764 (J.1) 72-764 (J.1) 1 Non-section (J.1) Non-section (J.1) Non-section (J.1) 72-764 (J.1) 1 Non-section (J.1) Non-section (J.1) Non-section (J.1) Non-section (J.1) 1 Non-section (J.1) Non-section (J.1) Non-section (J.1) Non-section (J.1) Non-section (J.1) 1 Non-section (J.1) Non-section (J.1) Non-section (J.1) Non-section (J.1) Non-section (J.1) 1 Non-section (J.1) | | | | SWN Production Company, L.L.C. | 17.00% | 964/66 | |
| 7 7-84 r. (1.6) NV models (Section Company, LC 1.500 1.500 7 7-84 r. (1.6) 1.500 1.500 1.500 1.500 < | | | | | | | |
| 1 7 7-84-0.01 7-94-0.01 7-94-0.01 7-94-0.01 2 7-84-0.01 7-94-0.01 7-94-0.01 7-94-0.01 7-94-0.01 2 7-84-0.01 7-94-0.01 | | | | | 17.00% | | |
| 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 No. 100 7 7.24.4 (J. 10) No. 100 No. 100 No. 100 No. 100 No. 100 No. 100 7 </td <td></td> <td></td> <td></td> <td></td> <td>17.00%</td> <td></td> <td>4</td> | | | | | 17.00% | | 4 |
| 7 7-24-18.10 PA-10- PA | | | | | 17.00% | /30/110 | |
| P Production Company, LC Prod | | | | SWAI Production Company 11C | | 22/110 | |
| 7 7-84-8 7-9 7-24-8 10-10 10-10 10-10 7 7-44-8 10-10 10-10 10-10 10-10 7 7-44-9 10-10 10-10 10-10 10-10 10-10 7 7-44-9 10-10 10-10 10-10 10-10 10-10 7 7-44-9 10-10 10-10 10-10 10-10 10-10 10-10 7 7-44-9 10-10 10-10 10-10 10-10 10-10 10-10 10-10 7 7-44-9 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10-10 10- | | | | | 17 00% | | - |
| 7 7-8-8-10.1 7-7-7-8-10.1 7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7- | | | William I. Rodgers, her husband | | | | |
| 7 7-2-4-2 x 3 7-2 | | | | | | | |
| 7 7-20-16_0 72/200 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 74/2444 7 7-20-16_0 74/2444 <t< td=""><td></td><td>ł</td><td></td><td>SWN Production Company, L.L.C.</td><td>17.00%</td><td>956/244</td><td></td></t<> | | ł | | SWN Production Company, L.L.C. | 17.00% | 956/244 | |
| 2 7.2-2.3.0.1.2 12.000 740443 7 7.3-2.4.9.13 0.000000 0.000000 0.000000 7 7.3-2.4.9.13 0.000000 0.000000 0.000000 7 7.3-2.4.9.13 0.000000 0.0000000 0.0000000 7 7.3-2.4.9.13 0.0000000 0.0000000 0.0000000 0.0000000 7 7.3-2.4.9.13 0.00000000000000000000000000000000000 | | | | SWN Production Company, L.L.C. | 17.00% | 956/248 | 1 |
| 7 7-20-12.1 20000000 2000000000000000000000000000000000000 | 1 | | | Chesapeake Appalachia, L.L.C. | 17.00% | 748/442 | - |
| John Romot Gold and Bellevice Market Science, Na With Production Company, LLC 17.00% 246(42) Consequent Application, LLC Mark Production Company, LLC 17.00% 37/148 Consequent Application, LLC Mark Production Company, LLC 17.00% 77/148 Consequent Application, LLC Mark Production Company, LLC 17.00% 77/148 Dates, R. Filler, evidence Consequent Application, LLC 17.00% 77/148 Dates, R. Filler, evidence Consequent Application, LLC 17.00% 78/121 Dates, R. Filler, evidence Consequent Application, LLC 17.00% 78/121 Dates, R. Filler, evidence Consequent Application, LLC 17.00% 78/121 Dates, R. Filler, evidence Consequent Application, LLC 17.00% 78/121 Dates, R. Filler, evidence Consequent Application, LLC 17.00% 18/120 Dates, R. Filler, evidence Consequent Application, LLC 18/040 18/040 Dates, R. Filler, evidence Consequent Application, LLC 18/040 18/040 Dates, R. Filler, evidence Consequent Application, LLC 18/040 18/040 | | | Charanaako Aanalaakia 110 | | | | |
| 2 7 7-24-1 pl. 13 3 7 7-24-1 pl. 13 3 7 7-24-1 pl. 13 8 000000000000000000000000000000000000 | | | | | 17.00% | | - |
| Mellorin V. Setti, R., and developed Onseparate Applicits, LLC 17.206 77.101 Response V. Setting, and Melloring, LLC 1000 Million 101,00 101,00 Changeaber Applicits, LLC 100 Million 101,00 101,00 Changeaber Applicits, LLC 100 Million 101,00 101,00 Changeaber Applicits, LLC 100 Million 101,00 101,00 Description Registric Applicits, LLC 100 Million 101,00 101,00 Proceeding Transmittors, Million Million 100 Million Million 100 Million 100,000 Proceeding Transmittors, Million Million 100 Million 100 Million 100,000 100,000 Proceeding Transmittors, Million 100 Million 100,000 100,000 100,000 Desceparities proceeding Million 100 Million 100 Million 100,000 100,000 Proceeding Tran | 1 | | | | 17.00% | /40/430 | 1 |
| 7 72-41.9L1 SWM Production Company, LC 12.000 12/100 | 1 | 1 | | | | the second second | 4 |
| 7 7-2-6-1 gL 12 312.00% 7/2/53 7 7-2-6-1 gL 12 32.20% 32.21% 7 7-2-6-1 gL 12 32.21% 32.21% 7 7-2-6-1 gL 12 32.25% 32.25% 32.25% 7 7-2-6-1 gL 12 32.75% 32.25% 32.25% 32.25% 7 7-2-6-1 gL 12 32.75% 32.25% 32.25% 32.25% 7 7-2-6-1 gL 12 32.75% 32.25% 32.25% 32.25% 32.25% 7 7-2-6-1 gL 12 MV Freduction Campany, LL C 12.25% 660/258 32.25% 32. | 1 | 1 | | | 17.00% | 1 . | |
| 7 7-84-1 pt. 10 2000000 33/130 7 7-84-1 pt. 10 2000000000000000000000000000000000000 | 1 | | | | 17.00% | | 4 |
| Dense & Weller, # videor Descense & Applicity, LLC. 12.004 77/7/15 Chespeake Applicity, LLC. SWP Modeling, a wideor 20000 79/7/15 Chespeake Applicity, LLC. SWP Modeling, a wideor 20000 79/7/15 Chespeake Applicity, LLC. SWP Modeling, a wideor 20000 79/7/15 Chespeake Applicity, LLC. SWP Modeling, a wideor 20000 79/7/15 Chespeake Applicity, LLC. SWP Modeling, Chespeake Applicity, LLC. 12.006 79/7/16 Chespeake Applicity, LLC. SWP Modeling, Chespeake Applicity, LLC. 12.006 79/7/16 Descenter, Applicity, LLC. SWP Modeling, Chespeake Applicity, LLC. 12.006 79/7/16 Descenter, Applicity, LLC. SWP Modeling, Chespeake Applicity, LLC. 12.006 79/7/16 Descenter, Applicity, LLC. SWP Modeling, Chespeake Applicity, LLC. 12.006 79/7/12 Descenter, Applicity, LLC. SWP Modeling, Chespeake Applicity, LLC. 12.006 79/7/12 Descenter, Applicity, LLC. SWP Modeling, Chespeake Applicity, LLC. 12.006 79/7/13 Descenter, Applicity, LLC. SWP Modeling, Chespeake Applicity, LLC. | 1 | | | | 17.00% | /4//623 |] |
| Production Company, LLC SNMT Production Company, LLC Data Number of the system of the | 1 | | | | | | ł |
| 7 7-24-1 pt. 13 2000 79/211 7 7-24-1 pt. 13 2001 79/211 2000 7 7-24-1 pt. 13 2001 79/211 2001 79/211 7 7-24-1 pt. 13 2001 70/211 2001 79/211 7 7-24-1 pt. 13 2001 70/211 2001 79/211 7 7-24-1 pt. 13 2001 70/211 2000 2000000 2001 2001 70/211 2001 79/211 2001 2001 2001 2001 2001 200100 200100 2001 2001 200100 200100 200100 200100 2001 200100 200100 200100 200100 200100 2001 200100 200100 200100 200100 2001000 | 1 | 1 | | | 17.00% | 1 . | |
| Chesspeake Application, LLC. SNM Production Company, LLC 37.4700 7 7.24-1 pt. 13 Mary France Anderson, single woman SVM Production Company, LLC 32.500 33/130 7 7.24-1 pt. 13 Mary France Anderson, single woman SVM Production Company, LLC 12.50% 660/556 7 7.24-1 pt. 13 Mary France Anderson, single woman SVM Production Company, LLC 12.50% 660/556 10 Demistion Entropy Transmittion, SVM Production Company, LLC 12.50% 660/556 11 Demistion Entropy Transmittion, SVM Production Company, LLC 12.50% 660/556 11 Demistion Entropy Transmittion, SVM Production Company, LLC 12.50% 660/556 12 Status Nation Company, LLC 12.50% 755/211 33/110 13 Demission Entropy Transmittion, SVM Production Company, LLC 12.50% 106/6/62 12 Status Nation Company, LLC 12.50% 106/6/62 14 Demission Entropy Nation Company, LLC 12.50% 106/6/62 14 Demission Entropy Nation Company, LLC 12.50% 106/6/62 14 <td></td> <td></td> <td></td> <td></td> <td>17.000</td> <td></td> <td>4</td> | | | | | 17.000 | | 4 |
| Mary T. Zho, MyA. Mary T. Keshti, Au/So Mary Bara Y. Hoski, a wateware Orsespeake Applicition, LLC 12.2006 196/201 7 7-24-51 pt.15 Mary Finces Address, a single wearin. SWA Production Company, LLC 12.59% 100/223 0.000096 7 7-24-51 pt.15 Mary Finces Address, a single wearin. SWA Production Company, LLC 12.59% 669/055 0.000096 7 7-24-51 pt.15 Mary Finces Address, a single wearin. SWA Production Company, LLC 12.59% 669/055 0.000096 1 Jona Fredoc Statu Column, Market Column, MyA. Chasspeake Applicating, LLC 12.59% 669/055 0.000096 1 Jona Fredoc Statu Column, Market Column, MyA. Chasspeake Applicating, LLC 12.59% 10.59/16 0.000096 1 Jona Appatch Statu Column, Market Column, MyA. Chasspeake Applicating, LLC 12.59% 33/110 1 Damine Engrant Spraphy Onespeake Applicating, LLC 12.59% 33/110 1 Damine Engrant Spraphy Disologic Applicating, LLC 12.59% 33/110 1 Damine Engrant Spraphy Disologic Applicating, LLC 12.50% 3 | 1 | | | | 17.00% | | 1 |
| Bourn Health a volution Obseparate Application, LLC SWR Production Company, LLC By/L10 7 7-24-1.pl. 15 Mary Frances Andrenn, single woman SWR Production Company, LLC 12.50% 59/7477 7 7-24-1.pl. 15 Mary Frances Andrenn, single woman SWR Production Company, LLC 12.50% 59/7477 7 7-24-1.pl. 15 Mary Frances Andrenn, single woman SWR Production Company, LLC 12.50% 59/7477 7 7-24-1.pl. 15 Mary Frances Andrenn, setting a Trustee SWR Production Company, LLC 12.50% 715/731 7 7-24-1.pl. 15 Mary Frances Andrenn, setting a Trustee SWR Production Company, LLC 12.50% 715/731 7 7-24-1.pl. 15 Mary Frances Andrenn, setting a Trustee SWR Production Company, LLC 12.50% 715/731 8 Chaspace Applicable, LLC 12.50% 715/731 SWR Production Company, LLC 12.50% 716/1 9 Mary Frances Andrenn Advection Market and Applicable Applicable, LLC 12.50% 1055/72 1055/72 9 Market Applicable, LLC 12.50% 10557/72 1055/72 1055/72< | | | | | 17.00% | | 1 |
| 7 7-24-1 p. 18 May Frances Anderson, a single woman. SWM Production Company, LLC. 12.20% 1300/137 8.0000K 7 7-24-1 p. 18 May Frances Anderson, a single woman. SWM Production Company, LLC. 12.20% 100/137 8.0000K 7 7-24-1 p. 18 May Frances Anderson, a single woman. SWM Production Company, LLC. 12.20% 39/130 8 Omaparate Appalability, LLC. 12.30% 77/1371 39/130 9 Mark Anderson, America Anderson, LLC. 12.30% 77/1371 9 Mark Appalability, LLC. 12.30% 77/1371 9 Mark Production Company, LLC. 12.30% 77/1371 9 Mark Production Company, LLC. 12.30% 77/1371 0 Mark Production Company, LLC. 12.30% 71/1371 0 Mark Production Company, LLC. 12.30% 13/110 0 Mark Production Company, LLC. 12.30% 13/110 0 Mark Production Company, LLC. 12.30% 13/110 0 Mark Production Company, LLC. 12.30% 1 | | | Bonar Nesbitt, a widow | | | 1 | |
| 2 7 7-24-1p.18 Budgets Appation, LLC. Bit Ord 277/027 7 7-24-1p.18 Budgets Appation, LLC. Bit Ord 277/027 7 7-24-1p.18 Budgets Appation, LLC. Bit Ord Bit Appation, LLC. Bit Ord 7 7-24-1p.18 Budgets Appation, LLC. Bit Ord Bit Appation, LLC. Bit Appation, LLC. Bit Appation, LLC. 7 7-24-1p.18 Bit Ord Bit Appation, LLC. Bit Appation, LLC. Bit Appation, LLC. Bit Appation, LLC. 7 7-24-1p.18 Bit Appation, LLC. SWM Production Company, LLC. Bit Appation, LLC. Bit Appation, LLC. Bit Appation, LLC. 7 7-24-1p.18 Bit Appation, LLC. SWM Production Company, LLC. Bit Appation, LLC. Bit App | | 7-74-1 c+ 10 | | | 13 5000 | | 0.00000 |
| 7 7-8-6. (McCuskey, scill) as NucCuskey, scill) Cheaspeaks Applicability, LLC. 12.50% 660/056 Cheaspeaks Applicability, LLC. SWN Production Company, LLC 12.50% 715/713 Cheaspeaks Applicability, LLC. SWN Production Company, LLC 12.50% 715/713 Cheaspeaks Applicability, LLC. SWN Production Company, LLC 12.50% 715/723 Cheaspeaks Applicability, LLC. SWN Production Company, LLC 12.50% 715/723 Cheaspeaks Applicability, LLC. SWN Production Company, LLC 12.50% 105/722 Cheaspeaks Applicability, LLC. SWN Production Company, LLC 12.50% 105/722 Cheaspeaks Applicability, LLC. 12.50% 105/722 105/722 Cheaspeaks Applicability, LLC. 12.50% 105/722 105/722 Cheaspeaks Applicability, LLC. 12.50% 105/722 105/722 Mitted and separate property SWN Production Company, LLC. 12.50% 105/742 Retern Molified, LLC, Matcheal Meale Mitted and Separate property 105/742 105/742 105/743 Retern Molified, LLC. 12.50% 105/743 105/743 <td>1 '</td> <td>7-24-1 pt. 15</td> <td></td> <td></td> <td></td> <td></td> <td>0.0000%</td> | 1 ' | 7-24-1 pt. 15 | | | | | 0.0000% |
| 7 7-24-1p.18 Christopeake Applicition, LLC SWN Production Company, LLC 32/110 7 7-24-1p.18 Christopeake Applicition, LLC SWN Production Company, LLC 32/110 7 7-24-1p.18 Christopeake Applicition, LLC SWN Production Company, LLC 32/110 7 7-24-1p.18 Christopeake Applicition, LLC SWN Production Company, LLC 32/110 7 7-24-1p.18 Christopeake Applicition, LLC SWN Production Company, LLC 32/110 7 7-24-1p.18 Christopeake Applicition, LLC SWN Production Company, LLC 32/110 7 7-24-1p.18 Christopeake Applicition, LLC 12.50% 1065/62 8 Production Company, LLC 12.50% 1065/62 9 Christopeake Applicition, LLC 12.50% 1065/62 10 Christopeake Applicition, LLC 12.50% 1065/62 10 Christopeakee Applicition, LLC 12.50% 1065/62 10 Christopeakee Applicition, LLC 12.50% 1065/62 10 Christopeakee Applicition, LLC SWN Production Company, LLC | | } | a factor and a factor of the second | | | | 1 |
| 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 33/110 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 33/110 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 33/110 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 106/120 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 106/200 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 106/200 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 106/200 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 106/200 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 106/200 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 106/200 7 724-1 pt. 18 Chesapeake Applicable, LLC. 12.50% 106/200 715/216 Chesapeake Applicable, LLC. 12.50% 106/200 724-1 pt. 18 Chesapeake Applicable, LC. 12.50% 106/200< | | | dated March 27, 1979, by Dan F. McCuskey, a/k/a | | | 0.007.550 | |
| Zehama Heffrich Greenwood, married desling in Her sola departe property Chesapeak Appliability, LLC. Disapeak Appliability, LLC. 33/110 Richard Methick, a married man dealing in his sole and separate property Chesapeak Appliability, LLC. SWN Production Company, LLC 33/110 Charles H. Michick, a married man dealing in his sole Chesapeak Appliability, LLC. 12.50% 725/221 Charles H. McClasky, JW, and andealing in his sole and separate property Chesapeak Appliability, LLC. SWN Production Company, LLC 33/110 Charles H. McClasky, JW, Michael Faul McClasky, SWN Production Company, LLC. 12.50% 105/10 Bill McClasky, JW, Michael Faul McClasky, SWN Production Company, LLC. 12.50% 105/10 Bill McClasky, JW, Michael Faul McClasky, SWN Production Company, LLC. 12.50% 105/10 Bill McClasky, JW, Michael Faul McClasky, SWN Production Company, LLC. 12.50% 105/16/5 Bell McDarky, JW, Michael Faul Michael SWN Production Company, LLC. 12.50% 105/16/5 Bell McDarky, JW, Michael Faul Michael SWN Production Company, LLC. 12.50% 105/16/5 Christopher Glaude Baughman, W/A Ortisopher Claude Baughman, W/A With Production Company, LLC 12.50% 105/16/5 Christopher Glaude Baughman, W/A Michael Company, W Production Company, LLC and Statol USA | | | Dan Frederick McCuskey, acting as Trustee | | | | |
| 7 7-24-1 pl. 16 Standard Applicably, LLC. 33/110 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 37/97 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 37/97 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 37/97 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 30/97 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 30/97 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 30/97 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 30/97 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 32/120 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 32/120 7 7-24-1 pl. 16 Christopatik Applicably, LLC. 32.50% 72/97/316 7 Christopatik Applicably, LLC. SWN Production Company, LLC 32.50% 57/97/32 7 7-24-1 pl. 16 Christopatik Applicab | | | Chesapeake Appalachia, LL.C. | SWN Production Company, LLC | | 33/110 | |
| 7 7-34-1 pt. 18 Ontsignetic Regards, LLC. 337.10 7 7-34-1 pt. 18 Boldard Segurate property Chesageake Appailachia, LLC. 32.50% 715/721 7 7-34-1 pt. 18 Boldard Mission Company, LLC 37.10 7 7-34-1 pt. 18 Boldard Segurate property Chesageake Appailachia, LLC 37.10 7 7-34-1 pt. 18 Boldard Mission Company, LLC 37.10 7 7-34-1 pt. 18 Boldard Segurate property Chesageake Appailachia, LLC 32.50% 1065/82 8 File Chesageake Appailachia, LLC 12.55% 1065/82 8 File Chesageake Appailachia, LLC 12.55% 1065/82 9 File Chesageake Appailachia, LLC 106.5% 106/730 | | | | Chesapeake Appalachia, L.L.C. | 12.50% | 715/313 | 1 |
| 7 7.34-1 pt. 18 Editor 4 herifficht Zuralu, a married man desling in his sole and separate property Chesapaeke Appalachia, LLC. 12.50% 715/921 9 7.15/921 37/100 10 Charles F. MCCustey, v., and mich and esling in his sole and separate property Chesapaeke Appalachia, LLC 12.50% 17/20% 11 Michael McCustey, v., M/A Michael Pub McCustey, an married man dealing in his sole and separate property SWN Production Company, LLC 12.50% 1064/920 12 SWN Production Company, LLC 12.50% 1064/920 12 SWN Production Company, LLC 12.50% 1064/920 13 Michael McCustey, and Michael McCustey, and SWN Production Company, LLC 12.50% 1064/920 14 Relatint Holdings, LLC Avet Vightile Company, bry SWN Production Company, LLC 12.50% 1064/920 15 Beagman, Marky, Anabading Member 1064/920 1063/665 16 Herstopher Guade Baughama, A/A Christopher C. The Epioration, LLC 12.50% 1053/665 17 7.34-1 pt. 18 Beagman, Marky Christopher C. The Epioration, LLC 18.00% 879/220 0.0000% 18 Boughman, Marky A Netion G. Baughman, Marky A Netion G. Baughman, Marky Anton G. Baughman, Marky Anton G. Baughman, Marky A Netion G. Baughman, Marky | [| | | SWN Production Company, LLC | | 33/110 | |
| 7 7-34-1 pt. 18 SWM Production Company, LLC 13,100 7 7-34-1 pt. 18 SWM Production Company, LLC 12,50% 1064/300 7 7-34-1 pt. 18 SWM Production Company, LLC 12,50% 1064/300 7 7-34-1 pt. 18 SWM Production Company, LLC 12,50% 1064/300 7 7-34-1 pt. 18 SWM Production Company, LLC 12,50% 1064/300 7 7-34-1 pt. 18 SWM Production Company, LLC 12,50% 1064/300 7 7-34-1 pt. 18 Stringther Charles McCukey, Anarabid Member SWM Production Company, LLC 12,50% 1064/300 7 7-34-1 pt. 18 Stringther Charles McCukey, Managaing Member ME Exploration, LLC 12,50% 1064/300 7 7-34-1 pt. 18 Stringther Charles McCukey, Managaing Member ME Exploration, LLC 18,00% 87/120 0.0000% 7 7-34-1 pt. 18 Stringther Charles McCukey, Managaing Member ME Exploration, LLC 18,00% 87/220 0.0000% 7 7-34-1 pt. 18 Stringther Charles McCukey Anarabid and Anarabid and Anas sole and separata properity Th E | | | | | 12.50% | | |
| 7 7-34-1 pt. 18 Charler F. M.Coulewy, <i>xx</i> , a married man dealing in his sole and separate property (Chesapeake Appallachia, LLC. 12.00% 71.6/1 Michael McCuskey, <i>xx</i> , a Michael Paul McCuskey, <i>xx</i> WM Production Company, LLC. 122.50% 1065/62 Michael McCuskey, <i>xx</i> , <i>xx</i> / <i>xx</i> WM Production Company, LLC. 122.50% 1065/62 Bill McCuskey, <i>xx</i> , <i>xx/xx</i> WM Production Company, LLC. 122.50% 1065/62 Bill McCuskey, <i>xx</i> , <i>xx/xx</i> SWN Production Company, LLC. 122.50% 1065/645 Peter McCuskey, Managing Member SWN Production Company, LLC. 122.50% 1065/645 Gretchen Helffrid Zavaka, a merited woman dealing. Chesapeake Appalachia, LLC. 122.50% 1065/645 Gretchen Helffrid Zavaka, a merited woman dealing. Chesapeake Appalachia, LLC. 122.50% 1065/645 Gretchen Helffrid Zavaka, a merited woman dealing. Chesapeake Appalachia, LLC. 122.50% 1065/645 The sole and separate property SWN Production Company, LLC 125.00% 57/3/336 Netson G. Baughman, H, <i>xV</i> /2 Christopher C. 128.00% 67/9/320 0.0000% Netson G. Baughman, <i>XV</i> /2 Netson G. 180.00% 67/9/320 0.0000% Netson G. Baughman, <i>XV</i> /2 Netson G. 180.00% 67/128 41/299 Venicle W. Baughman, a widow Th | | | | | | | |
| 7 7-324-1 pt. 18 But Sole and separate Payle Accustery, and Management SWN Production Company, LLC 33/110 7 7-324-1 pt. 18 Chesspeake Applatable, LLC SWN Production Company, LLC 12.50% 1065/62 7 7-324-1 pt. 18 Chesspeake Applatable, LLC SWN Production Company, LLC 12.50% 1065/645 7 7-324-1 pt. 18 Chesspeake Applatable, LLC SWN Production Company, LLC 12.50% 1065/645 7 7-324-1 pt. 18 Chesspeake Applatable, LLC SWN Production Company, LLC 12.50% 135.00% 7 7-324-1 pt. 18 Chesspeake Applatable, LLC SWN Production Company, LLC 18.00% 879/320 0.000075 7 7-324-1 pt. 18 Chesspeake Applatable, LLC SWN Production Company, LLC 18.00% 879/320 0.000075 7 7-324-1 pt. 18 Chesspeake Applatable, LLC SWN Production Company, LLC and Statol USA 41/299 9 Production Company, LLC and Statol USA 18.00% 876/383 9 NM Production Company, LLC and Statol USA 41/299 9 Vincide W. Baughman, a widow The Epioration, LLC 18.00% 876/383 9 NM Production Company, LLC and Statol USA 41/299 41/299 9 NM Production Company, LLC an | | | | | | | 1 |
| 7 7-24-1 pl. 18 Checkey, <i>ay</i> Ay/A MCMark Paul McCuskey, and MW Production Company, LLC. 12.50% 1065/92 7 7-24-1 pl. 18 MCCuskey, <i>Ay</i> Ay Millian Charles McCuskey and SWN Production Company, LLC. 12.50% 1064/309 7 7-24-1 pl. 18 Greechen Melffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, LLC. 12.50% 1063/665 7 7-24-1 pl. 18 Chesapeake Appalachia, LLC. 12.50% 715/316 7 7-24-1 pl. 18 Chesapeake Appalachia, LLC. SWN Production Company, LLC 18.00% 879/320 7 7-24-1 pl. 18 Chesapeake Appalachia, LLC. SWN Production Company, LLC 18.00% 879/320 8 Regimma, a married man dealing in his sole and separate property SWN Production Company, LLC and Statoli USA 41/299 9 Netson G. Busgimma, a Wide Christopher Cucke Baughman, All Ay/A Helton G. TH Exploration, LLC 18.00% 876/183 9 Voncile W. Baughman, a wide Helton G. TH Exploration, LLC 18.00% 876/232 14 Feloration, LLC SWN Production Company, LLC and Statoli USA 41/299 14 Feloration, LLC SWN Production Company, LLC and Statoli USA 41/299 14 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 <td></td> <td></td> <td>Chesapeake Appalachia, L.L.C.</td> <td></td> <td>17.000</td> <td></td> <td></td> | | | Chesapeake Appalachia, L.L.C. | | 17.000 | | |
| 7 7-24-1 pt. 18 Christopher Glaughman, Particle McCuskey and SWN Production Company, LLC. 12.50% 1064/309 7 7-24-1 pt. 18 Christopher Glaude Baughman, Party SWN Production Company, LLC. 12.50% 1065/665 7 7-24-1 pt. 18 Christopher Glaude Baughman, Party SWN Production Company, LLC. 12.50% 1064/309 7 7-24-1 pt. 18 Christopher Glaude Baughman, Party Science SWN Production Company, LLC 18.00% 87/9320 7 7-24-1 pt. 18 Christopher Glaude Baughman, Party Science SWN Production Company, LLC 18.00% 87/9320 7 7-24-1 pt. 18 Christopher Glaude Baughman, Party Science SWN Production Company, LLC 18.00% 87/9320 8 Christopher Glaude Baughman, Party Science SWN Production Company, LLC and Statol USA 41/239 Nelson G. Baughman, a markel in his sole and separate property TH Exploration, LLC SWN Production Company, LLC and Statol USA 41/239 Voncile W. Baughman, a markel on G. Baughman, July An Helson G. Baughman, and Advid In his sole and separate property TH Exploration, LLC 18.00% 876/183 Voncile W. Baughman, and Wolw SWN Production Company, LLC and Statol USA 41/239 Vancile W. Baughman, and Helson G. Baughman, July An Helson G. Baughman, and Yuly Baughman, and Helson G. Baughman, Commings, Sulta of Helson Helson, LLC 18.00% 876/183 Vanclie W. Baughman | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in | | 17.00% | | |
| 7 7.24-1 pl. 18 1064/309 7 7.24-1 pl. 18 Christopher Gue Supplication Company, LLC. 12.50% 1064/309 7 7.24-1 pl. 18 Christopher Gue Supplication Company, LLC 12.50% 1063/665 7 7.24-1 pl. 18 Christopher Gue Supplication, LLC 12.50% 1064/309 7 7.24-1 pl. 18 Christopher Gue Supplication, LLC 18.00% 879/320 0.0000% 8 SWN Production Company, LLC 18.00% 879/320 0.0000% 7 7.24-1 pl. 18 Christopher Gue Supplication, LLC 18.00% 879/320 0.0000% 9 Reliant Holdings, LL, 2 SWN Production Company, LLC 18.00% 879/320 0.0000% 9 Reliant Antiothymain, a married man dealing in his sole and separate property The ploration, LLC 18.00% 876/183 9 Netson G. Baughman, and Sult Bin his sole and separate property The Exploration, LLC 18.00% 876/193 9 Noncle W. Baughman, a widow The Exploration, LLC 18.00% 876/193 9 Voncle W. Baughman, and Sult Bin his sole and separate property The Exploration, LLC 18.00% 878/292 9 Voncle W. Baughman, a widow The Exploration, LLC 18.00% 876/133 9 | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | | 716/1 33/110 | |
| 7 7-24-1 pt. 18 SWN Production Company, LLC. 12.50% 1065/665 7 7-24-1 pt. 18 Gretchen Helfrich Zavala, a married woman dealing Gretchen Helfrich Zavala, a married woman dealing (hespeake Appalachia, LLC. 12.50% 715/316 7 7-24-1 pt. 18 Bughman, a married man dealing In his sole and separate property TH Epiperation, LLC SWN Production Company, LLC 18.00% 879/320 0.0000% 8 SWN Production Company, LLC 18.00% 879/320 0.0000% 9 7.24-1 pt. 18 Bughman, a married man dealing In his sole and separate property TH Epiperation, LLC SWN Production Company, LLC and Statol USA 41/299 9 Nelson G. Bughman, a married man dealing In his sole and separate property TH Epiperation, LLC SWN Production Company, LLC and Statol USA 41/299 9 Wolca G. Bughman, a widow TH Epiperation, LLC SWN Production Company, LLC and Statol USA 41/299 9 Wolca G. Bughman, a widow TH Epiperation, LLC SWN Production Company, LLC and Statol USA 41/299 9 Wolca G. Bughman, a widow TH Epiperation, LLC SWN Production Company, LLC and Statol USA 41/299 9 Wolca G. Bughman, a widow TH Epiperation, LLC SWN Production Company, LLC and Statol USA 41/299 9 TH Epiperation, LLC SWN Production Company, LLC and Statol USA <t< td=""><td></td><td></td><td>Chesapeake Appalachia, L.L.C. Chartes F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a</td><td>Chesapeake Appalachia, L.L.C. SWN Production Company, LLC</td><td></td><td>716/1 33/110</td><td></td></t<> | | | Chesapeake Appalachia, L.L.C. Chartes F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | | 716/1 33/110 | |
| 7 7-24-1 pt. 18 Christopher Claude Buighman, IV, all/a Notisco Company, LLC. 12.50% 1063/645 7 7-24-1 pt. 18 Christopher Claude Buighman, JV/a Christopher C Baydman, an arrifed woman dealing in hers ole and separate property TH Exploration, LLC 33/110 7 7-24-1 pt. 18 Christopher Claude Buighman, JV/a Christopher C Baydman, an arrifed man dealing in his sole and separate property TH Exploration, LLC 38.00% 879/520 8 Onthore Properties Inc. 18.00% 876/183 9 Nelson G. Baughman, IV, alt/a Notiscn G. Baughman, an arrifed man dealing in his sole and separate property 18.00% 876/183 9 Vonclie W. Baughman, J, alt/a Notiscn G. Baughman, an arrifed man dealing in his sole and separate property TH Exploration, LLC 18.00% 876/183 9 Vonclie W. Baughman, an arrifed man dealing in his sole and separate property TH Exploration, LLC 18.00% 876/183 9 Vonclie W. Baughman, and addward the sole and separate property TH Exploration, LLC 18.00% 876/183 9 Vonclie W. Baughman, a widow TH Exploration, LLC 18.00% 876/183 9 Vonclie W. Baughman, a widow TH Exploration, LLC 18.00% 876/183 9 Vonclie W. Cummings, Tustees of the Harry Reid Cummings and Joyce M. Cummings MicLaughlin, adv/a Sarati Cummings MicLaughlin, adv/a Sarati Cummings MicLaughlin, adv/a Sarati Cummings MicLaug | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. | 12.50% | 716/1 33/110 1065/82 | |
| 7 7-24-1 pt. 18 Anticident and separate property 7 7-24-1 pt. 18 Christopher Claude Baughman, al//a Christopher C. Baughman, a married man dealing in his sole and separate property 18.00% 879/320 7 7-24-1 pt. 18 Christopher Claude Baughman, al//a Christopher C. Baughman, a married man dealing in his sole and separate property 18.00% 879/320 0.0000% 7 7-24-1 pt. 18 Christopher Claude Baughman, al//a Christopher C. Baughman, a married man dealing in his sole and separate property 5WN Production Company, LLC and Statoll USA 41/299 Netion G. Baughman, III, al//a Netion G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC 18.00% 876/183 Vonclie W. Baughman, a widow TH Exploration, LLC 18.00% 876/282 Vanclie W. Baughman, a widow TH Exploration, LLC 18.00% 874/321 Vanclie W. Baughman, and Joyce M. Cummings, The Exploration, LLC 18.00% 874/321 Harry Reid Cummings and Joyce M. Cummings, Lic and Statoll USA 41/299 Onshore Properties Inc. 18.00% 874/321 TH Exploration, LLC SWN Production Company, LLC and Statoll USA 41/299 Samh C. McLaughlin, al/A/3 store Marie of the kirry, Reid Cummings and Joyce M. Cummings. The Exploration, LLC 18.00% 874/321 TH Exploration, LLC SwN Production Company, LLC and Statoll U | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/L/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/L/a William Charles McCuskey and | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. | 12.50% | 716/1 33/110 1065/82 | |
| retchen Helffrich Zavala, a married woman dealing in her sole and separate property 12.50% 715/316 7 7-24-1 pt. 18 Christopher Claude Baughman, a/Va Christopher C. Baughman, a married man dealing in his sole and separate property 114 Exploration, LLC 18.00% 879/320 0.0000% 7 7-24-1 pt. 18 Christopher C. Baughman, a married man dealing in his sole and separate property 114 Exploration, LLC 18.00% 879/320 0.0000% Nelson G. Baughman, Jill, a/K/a Nelson G. Baughman, a married man dealing in his sole and separate property 114 Exploration, LLC 18.00% 876/183 7 Voncile W. Baughman, avidow 114 Exploration, LLC 18.00% 876/183 9 Yondie W. Baughman, avidow 114 Exploration, LLC 18.00% 878/292 114 Exploration, LLC SWN Production Company, LLC and Statoll USA 41/299 114 Vik Jove Marcia Cummings, and Jove M. Cummings, a/K/k Jove Marcia Cummings, and Jove M. Cummings, a/K/k Jove Marcia Cummings, and Jove M. Cummings, a/K/k Jove Marcia Cummings, and Jove M. Cummings, Macaughtin, a/A/a Sorah Cummings 114 Exploration, LLC 18.00% 876/321 114 Exploration, LLC SWN Production Company, LLC and Statoll USA 41/299 114 Exploration, LLC SWN Production Company, LLC and Statoll USA 41/299 114 Exploration, LLC SWN Production Company, LLC and Statoll USA 41/299 114 | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/L/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/L/a William Charles McCuskey and | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. | 12.50% | 716/1 33/110 1065/82 | |
| In her sole and separate property 33/110 7 7-24-1 pt. 18 Christopher Claude Baughman, a/k/a Christopher C. Baughman, a maried man dealing in his sole and separate property TH Exploration, LLC 18.00% 879/320 0.0000% 7 7-24-1 pt. 18 Christopher Claude Baughman, a/k/a Christopher C. TH Exploration, LLC 18.00% 879/320 0.0000% 7 7-24-1 pt. 18 Christopher Claude Baughman, a/k/a Christopher C. TH Exploration, LLC 18.00% 876/183 8ughman, a marifed man dealing in his sole and separate property 5WN Production Company, LLC and Statoll USA 41/259 7 Vancile W. Baughman, a widow TH Exploration, LLC 18.00% 876/183 9 Yoncile W. Baughman, a widow TH Exploration, LLC 18.00% 878/292 9 Vancile W. Baughman, a widow TH Exploration, LLC 18.00% 876/231 9 Vancile W. Baughman, any the cummings, al/X/a Joyee Marie Cummings, Trustees of the Hary, Reid Cummings and Joyee M. Cummings, al/X/a Joyee Marie Cummings, Trustees of the Hary Reid Cummings and Joyee M. Cummings, ULC and Statoll USA 41/259 9 M Exploration, LLC 18.00% 876/121 9 Michaughlin, a/x/a Sarah Cummings Michaughlin, a, a/x/a D | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. | 12.50% | 716/1 33/110 1065/82 1064/309 | |
| Production Company, LLC SWN Production Company, LLC 33/110 7 7-24-1 pt. 18 Christopher Claude Baughman, a/k/a Christopher C. Baughman, ameried man dealing in his sole and separate property TH Exploration, LLC 118.00% 879/320 0.0000% Nelson G. Baughman, III, a/k/a Nelson G. Baughman, a maried man dealing in his sole and separate property TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Nelson G. Baughman, Tu, Jul, a/k/a Nelson G. Baughman, a maried man dealing in his sole and separate property TH Exploration, LLC 18.00% 876/183 Workie W. Baughman, a widow TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Yoncile W. Baughman, a widow TH Exploration, LLC 18.00% 878/321 H Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Harry Reid Cummings and Joyce M. Cummings, al/k J Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Uking Trust TH Exploration, LLC 18.00% 874/321 McLaughlin al ohn W. McLaughlin, Co-Trustee of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC 18.00% 873/71 McLaughlin alohn W. McLaughlin, Co-Trustee of the Sarah C. McLaughlin Revocable Trust TH Exploration, LLC 18.00% 876/43 Dorothy Stallwara, a/k/a Dorothy E. Sulliva, a/k/a Dorothy Stallwara, a/k/a Dorothy E. Sulliva, a/k/a 18.00% 876/43 | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, L.L.C. | 12.50% | 716/1 33/110 1065/82 1064/309 | |
| 7 7-24-1 pt. 18 Christopher Gaude Baughman, aft/a Christopher C Baughman, a married man dealing in his sole and separate property TH Exploration, LLC 18.00% 879/320 0.00000% Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Voncile W. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Voncile W. Baughman, a widow TH Exploration, LLC 18.00% 876/183 Voncile W. Baughman, a widow TH Exploration, LLC 18.00% 878/392 Harry Reid Cummings and Joyce M. Cummings, a/k/a Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings. Using Trust SwN Production Company, LLC and Statoli USA 18.00% 874/321 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Marry Reid Cummings and Joyce M. Cummings. a/k/a Joyce Marie Cummings. Trustees of the Harry Reid Cummings and Joyce M. Cummings. TH Exploration, LLC 18.00% 874/321 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Sarah C. McLaughlin, a/k/a Sorah Cummings. McLaughlin, a/k/a Dorothy F. Sullivan, a/k/a TH Exploration, LLC 18.00% 873/71 Obrothy Elisabet Sullivan, a/k/a SwN Production Company, LLC and Statoli USA 41/299 Obrothy Elisabet Sullivan, a/k/a< | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/V/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, huband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, L.L.C. | 12.50% 12.50% 12.50% | 716/1 33/110 1065/82 1064/309 1063/645 | |
| Baughman, a married man dealing in his sole and separate property SWN Production Company, LLC and Statoli USA 41/299 Nelson G. Baughman, III, a/k/a Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC 18.00% 876/183 Vancile W. Baughman, a widow TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Vancile W. Baughman, a widow TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Vancile W. Baughman, a widow TH Exploration, LLC IB.00% 878/292 Vancile W. Baughman, a widow TH Exploration, LLC IB.00% 878/292 Harry Reid Cummings, and Joyce M. Cummings, a/k/J Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings that ary A/k/J A ore Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Harry Reid Cummings, IV:ng Trust SWN Production Company, LLC and Statoli USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC 18.00% 873/71 Dorothy E.Ilsabeth Sullivan, a/k/a Dorothy E. Sullivan, a/k/a Dorothy Filabeth Sullivan, a/k/a TH Exploration, LLC 18.00% 876/43 Dorothy G.Ilsabeth Sullivan, a M/ka TH Exploration, LLC SWN Production Company, LLC and Statoli U | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/V/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/V/a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. | 12.50% 12.50% 12.50% | 716/1 33/110 1065/82 1064/309 1063/645 | |
| separate property TH Exploration, LLCSWN Production Company, LLC and Statoli USA41/299Nelson G. Baughman, III, a/k/a Nelson G. Baughman, a maried man dealing in his sole and separate property TH Exploration, LLCTH Exploration, LLC18.00%876/183Voncile W. Baughman, a widow TH Exploration, LLCSWN Production Company, LLC and Statoli USA41/299Voncile W. Baughman, a widow TH Exploration, LLCSWN Production Company, LLC and Statoli USA41/299Voncile W. Baughman, a widow TH Exploration, LLCSWN Production Company, LLC and Statoli USA41/299Vancile W. Baughman, a widow TH Exploration, LLCSWN Production Company, LLC and Statoli USA41/299Vancile W. Baughman, a widow TH Exploration, LLCSWN Production Company, LLC and Statoli USA41/299Vancile W. Baughman, Bardi Boyce M. Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Trustees of the Harry Reid Cummings and Joyce M. Cummings McLaughlin, a/k/a Sarah Cummings McLaughlin, a/k/a Sarah Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, A/a Sarah Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, a/a/a Dorothy E. Sullivan, Ja/a Dorothy Elizabeth Sullivan, adv/a Dorothy Elizabeth Sullivan, adv/a Dorothy Elizabeth Sullivan, adv/a Dorothy Elizabeth Sullivan, adv/a Dorothy West VirginiaH Exploration, LLC18.00%876/43Herein by and through Jiams Rein Sullivan, Jarva Agent and Attroney Janes Rein Sullivan, Jarva Marshall County, West VirginiaFM Exploration, LLC18.00%876/43 <tr< td=""><td></td><td></td><td>Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property BIII McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, Nulliam Charles McCuskey and Deena L. McCuskey, Nulliam Charles McCuskey and Deena L. McCuskey, Nulliam Charles McCuskey and Deena L. McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, L.L.C.</td><td>Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC</td><td>12.50% 12.50% 12.50%</td><td>716/1 33/110 1065/82 1064/309 1063/645 715/316</td><td></td></tr<> | | | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property BIII McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, Nulliam Charles McCuskey and Deena L. McCuskey, Nulliam Charles McCuskey and Deena L. McCuskey, Nulliam Charles McCuskey and Deena L. McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, L.L.C. | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | 12.50% 12.50% 12.50% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 | |
| TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Nelson G. Baughman, III, a/k/a Nelson G. TH Exploration, LLC 18.00% 876/183 Baughman, a married man dealing in his sole and separate property TH Exploration, LLC 18.00% 876/123 Voncile W. Baughman, a widow TH Exploration, LLC 18.00% 878/292 Voncile W. Baughman, a widow TH Exploration, LLC 18.00% 878/292 Vancile W. Baughman, a widow TH Exploration, LLC 18.00% 878/292 Harry Reid Cummings and Joyce M. Cummings, a/k/a Joyce Marke Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings, a/k/a Joyce Marke Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings TH Exploration, LLC 18.00% 874/321 Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin, and k/a Sarah Cummings McLaughlin, and k/a Dorothy E. Suilwan, a/k/a Dorothy Suilwan, a/k/a Dorothy L. Suilwan, a/k/a Dorothy Suilwan, a/k/a Dorothy L. Suilwan, a/k/a Dorothy Suilwan, a/k/a Dorothy James Rein Suilwan, a/k/a Dorothy Suilwan, a/k/a Dorothy L. Suilwan, a/k/a Dorothy Suilwan, | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Ananging Member Greetchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, LLC. | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | 12.50% 12.50% 12.50% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 | 0.0000% |
| Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC 18.00% 876/183 Supprime, a married man dealing in his sole and separate property SWN Production Company, LLC and Statoli USA 41/299 Vincile W. Baughman, a widow TH Exploration, LLC 18.00% 878/321 Vincile W. Baughman, a widow TH Exploration, LLC 18.00% 878/322 Vincile W. Baughman, a widow TH Exploration, LLC 18.00% 878/321 Harry Reid Cummings and Joyce M. Cummings, Tyl/ka Joyce Maric Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings, Living Trust TH Exploration, LLC 18.00% 874/321 Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin, and /a/a Dorothy E. Suillwan, a/k/a TH Exploration, LLC 18.00% 873/71 Dorothy Suillwan, a/k/a Dorothy E. Suillwan, a/k/a Dorothy Suillwan, a/k/a Dorothy E. Suillwan, a/k/a SWN Production Company, LLC and Statoli USA 41/299 M H Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Dorothy Suilwan, a/k/a Dorothy E. S | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/Va Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/Va William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, a/K/a Christopher C. Baughman, a married man dealing in his sole and | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | 12.50% 12.50% 12.50% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 | 0.0000% |
| Baughman, a married man dealing in his sole and separate property Double Double TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Voncile W. Baughman, a widow TH Exploration, LLC 18.00% 878/292 Vancile W. Baughman, a widow TH Exploration, LLC 18.00% 41/299 Harry Reid Cummings and Joyce M. Cummings, a///a Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings. TH Exploration, LLC 18.00% 874/321 SWN Production Company, LLC and Statoli USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin, a/k/a Sarah Cummings McLaughlin, a/k/a Sarah Cummings McLaughlin, a/k/a Sarah Cummings McLaughlin, a/k/a Sarah Cummings McLaughlin Revocable Trust SWN Production Company, LLC and Statoli USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Suillwan, a/k/a Dorothy Eliabeth Sullivan, a/k/a Dorothy E. Suillwan, a/k/a Dorothy Eliabeth Sullivan, a widow; appearing herein by and through James Rein Sullivan, her Agent and Attorney-In-Fact by Durable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia SWN Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Anaaging Member Gretchen Helffrich Zavaia, a married woman dealing in her sole and separate property Chesapeake Appalachia, LLC. Christopher Claude Baughman, a/k/a Christopher C. Baughman, a married man dealing in his sole and separate property H Exploration, LLC | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC and Statoli USA | 12.50% 12.50% 12.50% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 | 0.0000% |
| TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Voncile W. Baughman, a widow TH Exploration, LLC 18.00% 876/252 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Harry Reid Cummings and Joyce M. Cummings, a//Ja Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings. TH Exploration, LLC 18.00% 874/321 Swn Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC 18.00% 873/71 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a Dorothy Elizabeth Sullivan, a widow: appearing herein by and through James Rein Sullivan, her Agent and Attorney-in-fact by Durable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia SWN Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/V/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, Naband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, a/k/a Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. | 12.50% 12.50% 12.50% 12.50% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 | 0.0000% |
| Onshore Properties Inc. It Exploration, LLC It Exploration, LLC 878/292 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Harry Reid Cummings and Joyce M. Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Living Trust The Exploration, LLC 18.00% 874/321 FH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Strah C. McLaughlin, a/k/a Sarah Commings TH Exploration, LLC 18.00% 873/71 Sarah C. McLaughlin, a/k/a Sarah Commings TH Exploration, LLC 18.00% 873/71 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a TH Exploration, LLC 18.00% 873/71 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a TH Exploration, LLC 18.00% 876/43 Dorothy Elizabeth Sullivan, a widow; appearing herein by and through James Rein Sullivan, her Agent and Attorney I-hace by Urable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia SWN Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/V/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/V/a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, a/K/a Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, a/K/a Nelson G. Baughman, a married man dealing in his sole and | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. | 12.50% 12.50% 12.50% 12.50% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 | 0.0000% |
| Voncile W. Baughman, a widow TH Exploration, LLC 18.00% \$76/292 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Harry Reid Cummings and Joyce M. Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Living Trust TH Exploration, LLC 18.00% \$74/321 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings Wh Production Company, LLC and Statoli USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings TH Exploration, LLC 18.00% 873/71 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Darahow W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin Revocable Trust TH Exploration, LLC 18.00% 873/71 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a SWN Production Company, LLC and Statoli USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a Th Exploration, LLC 18.00% 876/43 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, her Agent and Attorney-In-Fact Up Urable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia SWN Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr./a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr./a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, Jr./a Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr./a Nelson G. Baughman, a married man dealing in his sole and separate property | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, L.L.C. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 | 0.0000% |
| Onshore Properties Inc. Inc. Inc. Harry Reid Cummings and Joyce M. Cummings, a/k/a Joyce Maric Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Living Trust Thi Exploration, LLC 18.00% 874/321 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin, an //a Sarah Cummings McLaughlin, an //a Sarah Cummings The Exploration, LLC 18.00% 873/71 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Onshore Properties Inc. 18.00% 873/71 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Orothry Sullivan, a/k/a Dorothy E. Sullivan, a/k/a Dorothy Elizabeth Sullivan, a widow: appearing herein by and through James Rein Sullivan, her Agent and Attorney-In-Fact by Urable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia Th Exploration Company, LLC and Statoil USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/V/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, Naband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, a/k/a Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, a/k/a Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. | 12.50% 12.50% 12.50% 12.50% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 | 0.0000% |
| Harry Reid Cummings and Joyce M. Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Living Trust TH Exploration, LLC 18.00% 874/321 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings TH Exploration, LLC 18.00% 873/71 McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin Revocable Trust TH Exploration, LLC 18.00% 873/71 Dorothy Sullivan, a/k/a Dorothy E. Suillvan, a/k/a Onshore Properties Inc. 18.00% 876/43 Dorothy Elizabeth Sullivan, a/k/a Onshore Properties Inc. 18.00% 876/43 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Suillvan, a/k/a TH Exploration, LLC 18.00% 876/43 There by and through James Rein Sullivan, a/k/a TH Exploration, LLC 18.00% 876/43 There by and through James Rein Sullivan, a/k and unrecorded in Marshall Country, West Virginia SWN Production Company, LLC and Statoil USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr./a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr./a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Anaging Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, LLC. Christopher Claude Baughman, Jr./a Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr./a Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LL.C. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/183 | 0.0000% |
| Reid Cummings and Joyce M. Cummings Living Trust A1/299 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings TH Exploration, LLC 18.00% 873/71 McLaughlin, and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin Revocable Trust TH Exploration, LLC 18.00% 873/71 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 41/299 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a TH Exploration, LLC 18.00% 876/43 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, her Agent and Attorney-In-Factor Up Urable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia TH Exploration Company, LLC and Statoil USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Anaging Member Greetchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, LLC. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Organities Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Organities Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/183 | 0.0000% |
| TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Sarah C. McLaughlin, a/k/a Sarah Cummings TH Exploration, LLC 18.00% 873/71 McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin Revocable Trust TH Exploration, LLC 18.00% 873/71 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a Dorothy Elizabeth Sullivan, a/k/a Dorothy E. Sullivan, her Agent and Attorney-in-Fact by Durable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia SWN Production Company, LLC and Statoil USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 18.00% 876/43 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, <i>a/k/a</i> Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, <i>a/k/a</i> William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, LLC. Christopher Claude Baughman, <i>a/k/a</i> Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/29 | 0.0000% |
| Onshore Properties Inc. 11.00 Sarah C. McLaughlin, a/k/a Sarah Cummings TH Exploration, LLC McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin Revocable Trust TH Exploration, LLC TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a Dorothy Elizabeth Sullivan, a/k/a Th Exploration, LLC 18.00% 876/43 Marchael Minage Sarah Cummings Attorney Jones Properties Inc. 18.00% 876/43 Marchael Minage Sarah Cumty, ULC and Statoil USA 41/299 Marchael Minage Sarah Cumty, West Virginia SWN Production Company, LLC and Statoil USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 | 7 | 7-24-1 pt. 18 | Chespeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/VJ Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/VJ Milliam Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, a/k/a Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, a/Va Joyce Marie Cummings, Trustees of the Harry | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/29 | 0.6000% |
| Sarah C. McLaughlin, <i>a/k/a</i> Sarah Cummings TH Exploration, LLC 18.00% 873/71 McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin Revocable Trust TH Exploration, LLC 18.00% 873/71 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Suillvan, a/k/a Dorothy Elizabeth Sullivan, a widow; appearing herelin by and through James Rein Sullivan, her Agent and Attorney-In-Fact by Durable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia SWN Production Company, LLC and Statoil USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, a/k/a Milliam Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, a/k/a Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, a/k/a Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, a/k/a Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Living Trust | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/183 41/299 878/292 41/299 | 0.0000% |
| the Sarah C. McLaughlin Revocable Trust SWN Production Company, LLC and Statoil USA 41/299 TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a TH Exploration, LLC 18.00% Dorothy Elizabeth Sullivan, avidow: appearing herein by and Attorney-in-Fact by Durable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia SWN Production Company, LLC and Statoil USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, <i>a/k/a</i> Michael Paul McCuskey, <i>a</i> married man dealing in his sole and separate property Bill McCuskey, <i>a/k/a</i> Milliam Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, <i>a/k/a</i> Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, III, <i>a/k/a</i> Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widlow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, <i>a/k/a</i> Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Living Trust TH Exploration, LLC | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/183 41/299 878/292 41/299 | 0.0000% |
| TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a TH Exploration, LLC 18.00% Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a TH Exploration, LLC 18.00% Agent and Attomey-In-Factor Dy Urable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia SWN Production Company, LLC and Statoil USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Greatchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, Jr/Ja Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings, TH Exploration, LLC Sarah C. McLaughlin, Jr/Ja Sarah Cummings | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/292 41/299 874/321 41/299 | 0.0000% |
| Onshore Properties Inc. 54/25 Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a TH Exploration, LLC Dorothy Elizabeth Sullivan, a widow: appearing herein by and through James Rein Sullivan, her Agent and Attomey-in-Fact by Durable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia TH Exploration, LLC TH Exploration, LLC 18.00% 876/43 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Vancile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, a/J/Ja Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Living Trust TH Exploration, LLC Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin and John W. McLaughlin, Co-Trustees of | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/292 41/299 874/321 41/299 | 0.0000% |
| Dorothy Sullivan, a/k/a Dorothy E.Sullivan, a/k/a TH Exploration, LLC 18.00% 876/43 Dorothy Elizabeth Sullivan, a widow; appearing herein by and through James Rein Sullivan, her Agent and Attorney-In-Fact by Durable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia TH Exploration, LLC 18.00% 876/43 TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Anaging Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, LLC. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jk/A Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, J/Ja Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings Living Trust TH Exploration, LLC Sarah C. McLaughlin, J/Ja Sarah Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/292 41/299 874/321 41/299 874/321 41/299 | 0.0000% |
| herein by and through James Rein Sullivan, her Agent and Attorney-In-Fact by Durable Power of Attorney dated April 27th 1999, and unrecorded in Marshall County, West Virginia TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, Jil, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, a/k/a Joyce Marie Cummings, Trustees of the Harry Reid Aumings and Joyce M. Cummings, McLaughlin ad John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, a/k/a Sarah Cummings TH Exploration, LLC | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoil USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoil USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoil USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoil USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoil USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoil USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoil USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/292 41/299 874/321 41/299 874/321 41/299 | 0.000% |
| Agent and Attomey-In-Fact by Durable Power of Attomey dated April 27th 1998, and unrecorded in Marshall County, West Virginia TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, LLC. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Vancile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, a/J/J Joyce Marle Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC Dorothy Suilivan, a/k/a Dorothy E. Suilivan, a/k/a | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/221 41/299 873/71 41/299 | 0.0000% |
| Marshall County, West Virginia TH Exploration, LLC SWN Production Company, LLC and Statoil USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr./a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr./a William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, Jr./a Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr./a Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, Jr./a Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings, McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC Dorothy Elizabeth Sullivan, a widow; appearing | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/221 41/299 873/71 41/299 | 0.0000% |
| TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr./a Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.LC. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, Jr/Ja Joyce Marle Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings, McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC Dorothy Suillvan, a/k/a Dorothy E. Suillvan, a/k/a Dorothy Eilsabeth Suillvan, a widow; appearing herein by and through James Rein Suillvan, her Agent and Attorney-In-Fact by Durable Power of | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/221 41/299 873/71 41/299 | 0.0000% |
| TH Exploration, LLC SWN Production Company, LLC and Statoli USA 41/299 Orshore Properties Inc. | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Anaging Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, LLC. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, Jr/Js Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC Dorothy Stilivan, Jr/Ja Dorothy E. Suilivan, Jr/Ja Dorothy Elsofeth Suilivan, a widow: appearing herein by and through James Rein Suilivan, Jr/Ja Cortofed In Harry Regent April 27th Dyba, and unrecorded In Thorey dated Suilivan, avidow; appearing herein by and through James Rein Suilivan, Jr/J Attorrey dated April 27th Dyba, and unrecorded In | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/221 41/299 873/71 41/299 | 0.0000% |
| Onshire Properties Inc. 41/299 | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate property Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Anaging Member Gretchen Helffrich Zavala, a married woman dealing In her sole and separate property Chesapeake Appalachia, LLC. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Voncile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, Jr/Js Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC Dorothy Stilivan, Jr/Ja Dorothy E. Suilivan, Jr/Ja Dorothy Elsofeth Suilivan, a widow: appearing herein by and through James Rein Suilivan, Jr/Ja Cortofed In Harry Regent April 27th Dyba, and unrecorded In | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 876/221 41/299 873/71 41/299 | 0.0000% |
| | 7 | 7-24-1 pt. 18 | Chesapeake Appalachia, L.L.C. Charles F. McCuskey, Jr., a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C. Michael McCuskey, Jr/Ja Michael Paul McCuskey, a married man dealing in his sole and separate <u>property</u> Bill McCuskey, Jr/Ja William Charles McCuskey and Deena L. McCuskey, husband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Nusband and wife Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Anaging Member Gretchen Helffrich Zavaia, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Christopher Claude Baughman, Jr/Ja Christopher C. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Nelson G. Baughman, III, Jr/Ja Nelson G. Baughman, a married man dealing in his sole and separate property TH Exploration, LLC Vancile W. Baughman, a widow TH Exploration, LLC Harry Reid Cummings and Joyce M. Cummings, a/Ja Joyce Marie Cummings, Trustees of the Harry Reid Cummings and Joyce M. Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin, Revocable Trust TH Exploration, LLC Dorothy Sullivan, a/k/a Dorothy E. Suilivan, a/k/a Dorothy Sullivan, a/k/a Dorothy E. Suilivan, a/k/a/ Dorothy Sullivan, a/k/a Dorothy E. Suilivan, a/k/a/ Do | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC SWN Production Company, LLC and Statoli USA Onshore Properties Inc. TH Exploration, LLC | 12.50% 12.50% 12.50% 12.50% 18.00% 18.00% 18.00% 18.00% | 716/1 33/110 1065/82 1064/309 1063/645 715/316 33/110 879/320 41/299 876/183 41/299 874/321 41/299 873/71 41/299 873/71 | 0.0000% |

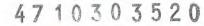
EXHIBIT "A" Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, L.L.C, as Order 7 10 30 35 20 Vernon Johnson WTZ 401H Wetzel County, West Virginia

| | 7-24-1 pt. 22 | Christopher Claude Baughman, a/k/a Christopher C. Baughman, a married man dealing in his sole and separate property | TH Exploration, LLC | 18.00% | 879/320 | 0.0000% |
|---|---------------|--|--|--|--|----------|
| | | TH Exploration, LLC | SWN Production Company, LLC and Statoil USA Onshore Properties Inc. | | 41/299 | |
| | | Nelson G. Baughman, III, a/k/a Nelson G. Baughman, a married man dealing in his sole and | TH Exploration, LLC | 18.00% | 876/183 | |
| | | separate property TH Exploration, LLC | SWN Production Company, LLC and Statoil USA Onshore Properties Inc. | 1 | 41/299 | |
| | | Voncile W. Baughman, a widow | TH Exploration, LLC | 18.00% | 878/292 | |
| | | TH Exploration, LLC | SWN Production Company, LLC and Statoll USA Onshore Properties Inc. | | 41/299 | |
| | | Harry Reid Cummings and Joyce M. Cummings, a/k/a Joyce Marie Cummings, Trustees of the Harry | TH Exploration, U.C | 18.00% | 874/321 | |
| | | Reld Cummings and Joyce M. Cummings Living Trust | SWN Production Company, LLC and Statoil USA | | 41/299 | |
| | | TH Exploration, LLC | Onshore Properties Inc. | 1 | | |
| | | Sarah C. McLaughlin, a/k/a Sarah Cummings McLaughlin and John W. McLaughlin, Co-Trustees of the Sarah C. McLaughlin Revocable Trust | TH Exploration, LLC | 18.00% | 873/71 | |
| | | Til Exploration, LLC | SWN Production Company, LLC and Statoll USA Onshore Properties Inc. | 1.1.1 | 41/299 | |
| | | Dorothy Sullivan, a/k/a Dorothy E. Sullivan, a/k/a | TH Exploration, LLC | 18.00% | 876/43 | |
| | | Dorothy Elizabeth Sullivan, a widow; appearing herein by and through James Rein Sullivan, her Agent and Attorney-in-Fact by Durable Power of Attorney dated April 27th 1998, and unrecorded in Marshall County, West Virginia | | | | |
| | | TH Exploration, LLC | SWN Production Company, LLC and Statol USA Onshore Properties Inc. | | 41/299 | |
| 7 | 7-24-1 pt. 15 | Royalty Owners | N/A | N/A | N/A | 2.0833% |
| | | The Security Trust Company, a Comporation, as Astorney-in-Fact for Judit M. Bibu, Josephine C. Bibu, Ellen D. Hoge, Virginia H. Randolph, Agusta L. Randolph, Agusta Hoge Evans, Joan B. Hoge, Mary W. Wright, Lucius H. Wilson, Mary Ellen Mumferd, Richard H. Hoge, George H. Hoge, Audrey May Meyer, Elizabeth N. Wild and Elizabeth Wood; and the Estate of Mary C. Walker | The Manufacturers Light and Heat Company | 12.50% | 353/111 | |
| | | The Manufacturers Light and Heat Company | Columbia Gas Transmission Corporation | | 422/204 | |
| | | Columbia Gas Transmission Corporation | Columbia Natural Resources, LLC | | 642/281 | |
| | | Columbia Gas Transmission Corporation | Chesapeako Appalachia, L.L.C. | | 662/322 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| 7 | 7-24-1 pt, 13 | Richard E. Walker and Roberta Walker; Mary Hoge Lea and Warren J. Lea; Richard E. Walker, as Executor of the Estate of Edward C. Walker; for the Heirs at Law of Isaac Hoge | The Manufacturers Light and Heat Company | 12.50% | 363/195 | 0.0000% |
| | | reparent and the second and and the second | | | | |
| | | The Manufacturers Light and Heat Company | Columbia Gas Transmission Corporation | | 422/204 | |
| | | Columbia Gas Transmission Corporation | Columbia Natural Resources, LLC | | 642/281 | |
| | | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation | and the second and the | | 1.000 | |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation | Columbia Natural Resources, LLC Chosapeake Appalachia, L.L.C SWM Production Company, LLC N/A | N/A | 642/281 662/322 33/110 N/A | 16.4583% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, LL.C. Royalty Owners. Franklin Thomas Barrett, a married man dealing in his sole and separate property. | Columbia Natural Resources, LLC Chesapeaka Appalachia, L.L.C SWN Production Company, LLC N/A SWN Production Company, LLC | 18.00% | 642/281 662/322 33/110 N/A 1010/272 | 16.4583% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Owners. Frankfin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and write | Columbia Natural Resources, LLC Chosapeake Appalachia, L.L.C. SWN Production Company, LLC N/A. SWN Production Company, LLC SWN Production Company, LLC. | 18.00% 15.00% | 642/281 662/322 33/110 N/A 1010/272 919/345 | 16,4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Owners: Frankin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timotry N. Burley and Connie Burley, husband and wife | Columbia Natural Resources, LLC Chesspeake Appalachia, LLC SWN Production Company, LLC N/A SWN Production Company, LLC SWN Production Company, LLC. SWN Production Company, LLC | 18.00% 15.00% 18.00% | 642/281 662/322 33/110 N/A 1010/272 919/345 974/325 | 16.4583% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, LL.C. Royalty Owners Franklin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Tirmothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband | Columbia Natural Resources, LLC Chesapeaka Appalachia, L,L,C SWN Production Company, LLC N/A SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 18.00% | 542/281 662/322 33/110 N/A 1010/272 919/345 974/325 967/117 | 16.4583% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Owners. Franklin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, a single man Robert W Conaway, a single man | Columbia Natural Resources, LLC Chesapeake Appalachia, LL.C SWN Production Company, LLC N/A SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 18.00% 16.00% | 642/281 662/322 33/110 N/A 1010/772 919/345 974/325 967/117 912/629 932/636 | 16,4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, LL.C. Royatty Owners. Franklin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, a single man Robert W. Conaway, Jr., a single man Robert W. Conaway, Jr., a single man Robert W. Conaway, Jr., a single man | Columbia Natural Resources, LLC Chesapeake Appalachia, LL.C SWN Production Company, LLC N/A SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 18.00% 16.00% | 642/281 662/322 33/110 N/A 1010/777 919/345 974/325 967/117 932/629 | 16,4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, LL.C. Royality Owners. Franklin Thomas Barnett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Consult K. Camp and Tom Camp, wife and husband Donald Scott Conaway, a single man Robert W Conaway, a single man Robald W. Conaway, Single man Ro | Columbia Natural Resources, LLC Chesapeake Appalachia, LLC SWN Production Company, LLC N/A SWN Production Company, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 18.00% 16.00% 16.00% 17.00% | 642/281 662/322 33/110 N/A 1010/272 919/345 974/325 967/117 932/639 1046/269 1052/444 | 16.4583% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Owners. Franklin Thoms: Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and write Timothy N. Burley and Flora J. Burley, husband and write Timothy N. Burley and Connie Burley, husband and write Royalt K. Camp and Tom Camp, wile and husband Donaid Scott Conaway, Jr.a single man Robert W. Conaway, Jr.a Ronaid Wayne Conaway a married man dealing in his sole and separate property David S. Dever, a married man dealing in his sole | Columbia Natural Resources, LLC Chesspeake Appalachia, LLC SWN Production Company, LLC N/A SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC. SWN Production Company, LLC. SWN Production Company, LLC. | 18.00% 15.00% 18.00% 18.00% 16.00% 16.00% 17.00% | 642/281 662/322 33/110 N/A 1010/777 919/345 974/325 967/117 932/629 932/635 1046/269 1052/444 1010/621 1052/439 | 16.4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, LL.C. Royatiy Owners. Frankfin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, <i>Ir.</i> , a single man. Robert W Conaway, <i>Ir.</i> , a single man. Bonald W. | Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C SWN Production Company, LLC N/A. SWN Production Company, LLC. SWN Production Company, LLC. SWN Production Company, LLC SWN Production Company, LLC. SWN Production Company, LLC. SWN Production Company, LLC. SWN Production Company, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 18.00% 16.00% 16.00% 17.00% 17.00% | 642/281 662/322 33/110 N/A 1010/772 919/345 974/325 967/117 932/635 1046/269 1052/444 1010/621 | 16.4583% |
| Ŧ | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royatiy Owners. Frankfin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Flora J. Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, a single man Robert W. Conaway, Jr., | Columbia Natural Resources, LLC Chosapeake Appalashia, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 16.00% 16.00% 17.00% 17.00% 17.00% 17.00% 17.00% 18.00% | 642/281 662/322 33/110 N/A 1010/777 919/345 974/325 967/117 912/629 932/635 1046/269 1052/444 1010/621 1052/444 1010/621 1052/81 976/113 | 16,4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Dwners. Frankin Thomas Barrett, a married man dealing in his sole and separate property. Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, <i>a Jan Renal</i> Wayne Conaway, <i>R Conaway, a Jan Renal</i> Wayne Conaway, a married man dealing in his sole and separate property David S. Dever, a married man dealing in his sole and separate property Ichn A. Dever, a windrewer Annette Mary Dever, Trustee of the Annette and Larry Dever Revocable Trust, dated April 22, 2015 Jeffrey L Fish, a married man dealing in his sole and separate property Leffrey L Fish, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife | Columbia Natural Resources, LLC Chesspeake Appalashia, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 18.00% 16.00% 17.00% 17.00% 17.00% 17.00% 18.00% 18.00% 18.00% | 642/281 662/322 33/110 N/A 1010/772 919/345 974/325 967/117 932/629 932/636 1046/269 1052/444 1010/621 1052/444 1010/621 1052/413 976/113 967/125 | 16.4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Cheappeake Appalachia, L.L.C. Royalty Dwners Frankin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donaid Scott Conaway, a single man Robalt W. Conaway, a Jingle man Robalt W. Conaway, a Jingle man Robalt W. Conaway, a Jingle man Bonaid W. Conaway, a Jingle man Robalt W. Conaway, a Jingle man Bonaid Scott Conaway, a Jingle man Robalt W. Conaway, a Jingle man Robalt D. Dever, a married man dealing in his sole and separate property Gregory T. Dever, a married man dealing in his sole and separate property Gregory E. Dever, Trustee of the Annette and Larry Dever Revocable Trust, dated April 22, 2015 Jeffrey L. Fith, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property | Columbia Natural Resources, LLC Chesspeake Appalaschia, L.L.C SWN Production Company, LLC N/A SWN Production Company, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 16.00% 17.00% 17.00% 17.00% 17.00% 17.00% 18.00% 18.00% 18.00% | 642/281 662/322 33/110 N/A 1010/772 919/345 974/325 967/117 932/639 932/635 1046/269 1052/444 1010/621 1052/444 1010/621 1052/413 967/125 966/408 | 16.4583% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Owners Frankin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, a single man Robelt W. Conaway, a Jingle man Robald S. Cott Conaway, a single man Ronald W. Conaway, a Jingle man Ronald Scott Conaway Rotting Congany, LC, William H. Gaston, Managing Member | Columbia Natural Resources, LLC Chosapeake Appalachia, LLC SWN Production Company, LLC N/A. SWN Production Company, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 18.00% 16.00% 17.00% 17.00% 17.00% 17.00% 18.00% 18.00% 18.00% 18.00% 18.00% 18.00% | 642/281 662/322 33/110 N/A 1010/772 919/345 974/325 967/117 932/629 932/635 1046/269 1052/444 1010/621 1052/414 967/125 966/408 1097/361 | 16.4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Domers Frankin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, Jr.J. Single man Robert W. Conaway, Jr.J. Ronald Wayne Conaway, a married man dealing in his sole and separate property David S. Dever, a married man dealing in his sole and separate property Ichn A. Dever, a windrower Annette Mary Dever, Trustee of the Annette and Larry Dever Revocable Trust, dated April 22, 2016 Jeffrey L. Fish, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property Wanta and Cordova Holding Company, LLC, William H. Gaston, Managing Member Kathy Watkins Hoopes, Alfa Kathy Jo Watkins and David E. Hoopes, wife and husband | Columbia Natural Resources, LLC Chesspeake Appalaschia, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC. SWN Production Company, LLC SWN Production Company, LLC. | 18.00% 15.00% 18.00% 16.00% 17.00% 17.00% 17.00% 17.00% 17.00% 18.00% 18.00% 18.00% 18.00% 18.00% 18.00% 18.00% 15.00% | 642/281 662/322 33/110 N/A 1010/772 919/345 974/325 967/117 932/629 932/636 1046/269 1052/444 1010/621 1052/414 1052/413 976/113 967/125 966/408 1097/361 925/539 | 16.4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Owners. Frankfin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Ammon A. Burley and Tom Camp, wife and husband Donaid Scott Conaway, Jr.a single man Robert W. Conaway, Jr.a Single man Robert W. Conaway, Jr.a Single man Robert W. Conaway, Jr.a Ronaid Wayne Conaway a married man dealing in his sole and separate property David S. Dever, a married man dealing in his sole and separate property John A. Dever, a married man dealing in his sole and separate property John A. Dever, a warried man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property Yanita and Cerdova Holding Company, LLC, William H. Gastun, Managing Member Kathy Waikins Hoopes, #//4 Kathy Je Watkins and David E. Hoopes, wife and husband Bernadette F. Livingston, Trustee of the Mangret J. Kaczorowski Revocable Trust Agreement, dated the 21st day of November, 2006 | Columbia Natural Resources, LLC Chosapeake Appalachia, L.L.C SWN Production Company, LLC SWN Production Company, LLC. | 18.00% 15.00% 18.00% 16.00% 17.00% 17.00% 17.00% 17.00% 18.00% 18.00% 18.00% 18.00% 16.00% 17.00% 16.00% 16.00% 16.00% 17.00% 16.00% 16.00% 16.00% 16.00% 17.00% 16.00% 16.00% 16.00% 16.00% 16.00% 17.00% 16.00% 16.00% 16.00% 16.00% 17.00% 16.00% 16.00% 16.00% 16.00% 16.00% 17.00% 16.00% 17.00% 18.00% 16.00% | 642/281 662/322 33/110 N/A 1010/777 919/345 974/325 967/117 932/629 932/636 1046/269 1052/444 1010/621 1052/414 976/113 967/125 566/408 1097/361 925/539 966/421 | 16.4583% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Cheappeake Appalachia, L.L.C. Royalty Owners Frankin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Flora J. Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, a single man Robert W. Conaway, a Jingle man Robert W. Conaway, a Jingle man Robald S. Cott Conaway, a Jingle man Robald S. Cott Conaway, a Jingle man Robald S. Coneya, a Married man dealing in his sole and separate property David S. Dever, a married man dealing in his sole and separate property Gregory T. Dever, a married man dealing in his sole and separate property John A. Dever, a widrower Annette Mary Dever, Trustee of the Annette and Larry Dever Revocable Trust, dated April 22, 2015 Jeffrey L. Flish, a married man dealing in his sole and separate property Warkael A. Hish and Debra L. Fish, husband and wilfe Charles Wayne Geho, a married man dealing in his sole and separate property Yanita and Cordova Holding Company, LIC, William H. Gaston, Managing Member Kathy Watkins Hoopes, <i>Ar/A</i> Kathy Je Watkins and David E. Hoopes, wife and husband Bernadette F. Livingston, Trustee of the Margaret J. Kaczorowski Revocable Trust Agreement, dated the | Columbia Natural Resources, LLC Chesspeake Appalaschia, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC. SWN Production Company, LLC SWN Production Company, LLC. | 18.00% 15.00% 18.00% 16.00% 17.00% 17.00% 17.00% 17.00% 17.00% 18.00% 18.00% 18.00% 18.00% 18.00% 18.00% 18.00% 15.00% | 642/281 662/322 33/110 N/A 1010/772 919/345 974/325 967/117 932/629 932/636 1046/269 1052/444 1010/621 1052/414 1052/413 976/113 967/125 966/408 1097/361 925/539 | 16.4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Owners. Frankin Thomas Barrett, a married man dealing in his sole and separate property Ammon A. Burley and Flora J. Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Timothy N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donaid Scott Conaway, Jr.a single man Robert W. Conaway, Jr.a Ronaid Wayne Conaway, a married man dealing in his sole and separate property David S. Dever, a married man dealing in his sole and separate property John A. Dever, a winried man dealing in his sole and separate property John A. Dever, a winried man dealing in his sole and separate property John A. Dever, a winried man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate Property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate Property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate Property Michael A. Stath Wathins Hoopes, Ary (Ark Kathy U Watkins and David E. Hoopes, wife and husband Bernadette F. Livingston, Trustee of the Margaret J. Kaccrowski Revocable Trust Agreement, | Columbia Natural Resources, LLC Chosapeake Appalashia, LLC SWN Production Company, LLC | 18.00% 15.00% 18.00% 16.00% 16.00% 17.00% 17.00% 17.00% 17.00% 17.00% 18.00% 18.00% 18.00% 15.00% 17.00% 15.00% 17.00% 15.00% | 642/281 662/322 33/110 N/A 1010/777 919/345 974/325 967/117 932/629 932/636 1046/269 1052/444 1010/671 1052/81 976/113 967/125 966/408 1097/361 925/539 966/421 1052/76 969/288 | 16.4683% |
| 7 | 7-24-1 pt, 11 | Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C. Royalty Owners. Frankin Thomas Barrett, a married man dealing in his sole and separate property. Ammon A. Burley and Flora J. Burley, husband and wife Timotry N. Burley and Connie Burley, husband and wife Timotry N. Burley and Connie Burley, husband and wife Krystal K. Camp and Tom Camp, wife and husband Donald Scott Conaway, J.J. Romal Wayne Conaway, a married man dealing in his sole and separate property David S. Dever, a married man dealing in his sole and separate property Ichn A. Dever, a married man dealing in his sole and separate property Ichn A. Dever, a married man dealing in his sole and separate property Ichn A. Dever, a widower Annette Mary Dever, Trustee of the Annette and Larry Dever Revocable Trust, dated April 22, 2016 Jeffrey L. Fish, a married man dealing in his sole and separate property Michael A. Fish and Debra L. Fish, husband and wife Charles Wayne Geho, a married man dealing in his sole and separate property Yanita and Cordova Holding Company, LLC, William H. Gaston, Managing Member Kathy Wathins Hoopes, <i>Alfa</i> Atathy Jo Watkins and David E. Hoopes, wife and husband Bernadette F. Livingston, Trustee of the Margaret J. Kaccorowski Revocable Trust Agreement, dated the 21st day of November, 2006 Andrea M. Davis, Agent and Attorney-in-Facdt for Deborah K. Kincad, a single woman | Columbia Natural Resources, LLC Chesspeake Appalashia, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC. SWN Production Company, LLC SWN Production Company, LLC. SWN Production Company, LLC. SWN Production Company, LLC. | 18.00% 15.00% 18.00% 16.00% 17.00% 17.00% 17.00% 17.00% 18.00% 18.00% 18.00% 18.00% 16.00% 16.00% 17.00% 17.00% | 642/281 662/322 33/110 N/A 1010/777 919/345 974/325 967/117 932/629 932/636 1052/444 1010/671 1052/444 1010/671 1052/444 1010/671 1052/444 1010/671 1052/539 966/421 1052/76 | 16.4583% |

EXHIBIT "A" Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, a part of West Virginia Oil and

Wetzel County, West Virginia

| | 1 | Robert L. Burley, a married man dealing in his sole | SWN Production Company, LLC | 15.00% | 1135/347 | |
|----|---------------|--|--|--------|----------|----------|
| | | and separate property Wayne E. Burley, a single man | SWN Production Company, LLC | 15.00% | 1135/330 | |
| | | Elizabeth Ann Cain, a widow | SWN Production Company, LLC | 18.00% | 1135/319 | |
| | | First Assembly of God Church | SWN Production Company, LLC | 17.00% | 1135/352 | |
| | 1 | George L. Hate, Jr., a married man dealing in his sole and separate property | SWN Production Company, LLC | 18.00% | 966/438 | |
| | | Barbara J. Burley, a single woman | SWN Production Company, LLC | 15.00% | 1136/49 | |
| | } | Roger Lee Cain | SWN Production Company, LLC | 18.00% | 1135/341 | |
| | | Robert Carlton Cain | SWN Production Company, LLC | 18.00% | 1135/335 | |
| 7 | 7-24-1 pt. 08 | Edward C. Walker, widower; Richard E. Walker and Roberta Walker, his wife; Edna Whitlatch and J. B. Whitlatch, her husband; and Security Trust Company, a corporation, for and on behalf and as Attomey in Fact for those heirs at law of Isaac Hoge, herinafter named, under the signature of said Attorney in Fact | The Manufacturers Light and Heat Company | 12.50% | 326/505 | 0.0000% |
| | | The Manufacturers Light and Heat Company | Columbia Gas Transmission Corporation | | 422/204 | |
| | | Columbia Gas Transmission Corporation | Columbia Natural Resources, LLC | | 642/281 | |
| | | | | 1 | 662/322 | |
| | | Columbia Gas Transmission Corporation | Chesapeake Appalachia, LL.C. | 1 | | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 36/422 | |
| | | Edna Whitlatch and J. B. Whitlatch, her husband | The Manufacturers Light and Heat Company | 12.50% | 375/223 | |
| | | The Manufacturers Light and Heat Company | Columbia Gas Transmission Corporation | | 422/204 | |
| | | Columbia Gas Transmission Corporation | Columbia Natural Resources, LLC | | 642/281 | |
| | 1 | Columbia Gas Transmission Corporation | Chesapeake Appalachia, L.L.C. | | 662/322 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | } | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 1 | 36/422 | |
| | | | | 12.50% | 676/438 | 0.0000% |
| 8 | 7-20-41 | Onward E. Burge, Sarah L. Burge and Stephen W. Burge, Trustees of the Onward E. Burge Trust dated June 21, 2010 | Chesapeake Appalachia, L.L.C. | 12.50% | 6/6/436 | 0.000076 |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Nancy B. Divita | Chesapeake Appalachia, LL.C. | 12.50% | 677/51 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| 7 | 7-24-1 pt. 7 | W. J. Booher and Virginia H. Booher, his wife | The Manufacturers Light and Heat Company | 12.50% | 401/473 | 0.0000% |
| | | The Manufacturers Light and Heat Company | Columbia Gas Transmission Corporation | | 422/204 | |
| | 1 | Columbia Gas Transmission Corporation | Columbia Natural Resources, LLC | | 642/281 | |
| | | Columbia Gas Transmission Corporation | Chesapeake Appalachia, LL.C. | 1 | 662/322 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| 9 | 7-19-28 | James W. Whipkey, single | Chesapeake Appalachia, LL.C. | 12.50% | 655/5 | 0.0000% |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 12 50% | 35/32 | |
| | | O. E. Burge, a married man dealing in his sole and | Chesapeake Appalachia, LL.C. | 12.50% | 654/382 | |
| | 1 | separate property Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 1 | 33/110 | |
| 10 | 7-16-25-1 | Clare Connelly | Guy B. Patterson and A.G. Patterson | 12.50% | 227/254 | 0.0000% |
| 10 | /-10-23-1 | Guy B. Patterson and A. G. Patterson, husband and wife | The Manufacturers Light and Heat Company | 1.50% | 2/281 | |
| | | The Manufacturers Light and Heat Company | Columbia Gas Transmission Corporation | | 422/204 | |
| | | Columbia Gas Transmission Corporation | Columbia Natural Resources, LLC | | 642/281 | |
| | | Columbia Gas Transmission Corporation | Chesapeake Appalachia, LL.C. | 1 | 662/322 | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| 11 | 7-19-20 | Gall Cumpston Porter, f/k/a Gall Cumpston, a married woman dealing in her sole and separate | Chesapeake Appalachia, LL.C. | 17.00% | 707/124 | 0.0000% |
| | | property | | 1 | | |
| | | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | | Martha Kaye Hill | Chesapeake Appalachia, LL.C. | 12.50% | 658/277 | |
| | 1 | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | 12.000 | 33/110 | |
| | | Robert Brent Koontz, a married man dealing in his sole and separate property | Chesapeake Appalachia, L.L.C. | 12.50% | 658/280 | |
| | 1 | Chesapeake Appalachia, L.L.C. | SWN Production Company, LLC | | 33/110 | |
| | 1 | Sandra C. Koontz, a widow | SWN Production Company, L.L.C. | 16.00% | 895/204 | |



SWN Production Company, LLC 1300 Fort Pierpont Dr, Ste 201 Morgantown, WV 26508 Tel: 304 884 1610 Fax: 304 471 2497 www.swn.com



June 27, 2022

Mr. Charles Brewer WV DEP Office of Oil & Gas 601 57th St., SE Charleston, WV 25304

RE: SWN's proposed New Well: Vernon Johnson WTZ 401H in Wetzel County, West Virginia, Drilling under CO 74, CO 74/2, Amos Hollow Road, Rice Ridge Road, Burley Lane, and US-250.

Dear Mr Brewer:

SWN Production Company, LLC ("SWN") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to SWN's right to drill under CO 74, CO 74/2, Amos Hollow Road, Rice Ridge Road, Burley Lane, and US-250. Please be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Thank you.

Sincerely,

2/1

Bradley Wilson Senior Landman SWN Production Company, LLC

RECEIVED Offices of Oil and Gas

JUL 1 4 2022

WV Department of Environmental Protection

The Right People doing the Right Things, wisely Investing the cash flow from our underlying Asses 8/02/01/21/01/22

WW-6AC (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS <u>NOTICE CERTIFICATION</u>

Date of Notice Certification:

API No. 47- 009 -Operator's Well No. Vernon Johnson WTZ 401H Well Pad Name: Vernon Johnson WTZ

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

| State: | West Virginia | UTNANIAD 92 | Easting: | 538,927.379 | |
|-------------|-------------------------------|------------------|------------|-----------------------------------|--|
| County: | 103-Wetzel | UTM NAD 83 | Northing: | 4,396,555.081 | |
| District: | Clay | Public Road Acc | cess: | Rice Ridge Road Vernon Johnson | |
| Quadrangle: | Littleton | Generally used f | farm name: | | |
| Watershed: | West Virginia Fork Fish Creek | | | | |
| | | | | | |

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article by the applicant.

| Pursuant to West Virginia Code § 22-6A, the Op that the Operator has properly served the require *PLEASE CHECK ALL THAT APPLY | perator has attached proof to this Notice Certification d parties with the following: | OOG OFFICE USE ONLY |
|---|--|---------------------------|
| □ 1. NOTICE OF SEISMIC ACTIVITY or | NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED | RECEIVED/ NOT REQUIRED |
| 2. NOTICE OF ENTRY FOR PLAT SURV | VEY or 🔲 NO PLAT SURVEY WAS CONDUCTED | RECEIVED |
| 3. NOTICE OF INTENT TO DRILL or | ☐ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or | RECEIVED/ NOT REQUIRED |
| | WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH) | |
| 4. NOTICE OF PLANNED OPERATION | DECENSED CES | RECEIVED |
| 5 . PUBLIC NOTICE | JUL 1 4 2022 | RECEIVED |
| 6. NOTICE OF APPLICATION | JUL * Uspaviment of the stand | RECEIVED |

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

Certification of Notice is hereby given:

4710303520

THEREFORE, I Brittany Woody

, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A. I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| Well Operator: | SWN Production Co., LLC | V | Address: | 1300 Fort Pierpont Dr., Suite 201 | |
|----------------|--|---|--------------|--|---------------|
| By: | Brittany Woody | M | | Morgantown, WV 26508 | |
| Its: | Senior Regulatory Analyst | 0 | Facsimile: | | |
| Telephone: | 304-884-1610 KOHUU | | Email: | Brittany_Woody@swn.com | |
| | NOTARY SEAL REID CROFT Notary Public Official Seal State of West Virginia My Comm. Expires Aug 21, 2024 47 Sparrow Lane Morgantown WV 26508 | R | ibed and swo | rn before me this <u>1</u> st day of <u>Jum</u> pires <u>8/21/2029</u> | Notary Public |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED Office of Oil and Gas

JUL 1 4 2022

WV Department of Environmental Protection

WW-6A (9-13)

PINO. 47 4007 10303520

OPERATOR WELL NO. Vermon Johnson WTZ 401H Well Pad Name: Vermon Johnson WTZ

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS <u>NOTICE OF APPLICATION</u>

| Notice Time Requirement: notice shal | be provided no later than | the filing date of permit application. |
|--------------------------------------|---------------------------|--|
|--------------------------------------|---------------------------|--|

| Date of Notice: | 12 | Date Permit Application Filed: | 11 | Y |
|-----------------|----|--------------------------------|----|---|
| Notice of: | | | 9. | |

PERMIT FOR ANY WELL WORK CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

| PERSONAL | \checkmark | REGISTERED | METHOD OF DELIVERY THAT REQUIRES A |
|----------|--------------|------------|------------------------------------|
| SERVICE | | MAIL | RECEIPT OR SIGNATURE CONFIRMATION |

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner, W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

| SURFACE OWNER(s) | COAL OWNER OR LESSEE Name: Reserve Coal Properties Co. Attn: Casey Saunders Address: 275 Technology Drive Office of Oil and Cas |
|--|---|
| Name: Vemon Johnson | Name: Reserve Coal Properties Co. Altri: Casey Saunders Income of Oil and Case |
| Address: 11895 Amy Drive | Address: 275 Technology Drive |
| La Plata, MD 20646 | Canonsburg, PA 15317 I COAL OPERATOR |
| Name: | COAL OPERATOR |
| Address: | Name: |
| | Address: |
| □ SURFACE OWNER(s) (Road and/or Other Disturbance) | |
| Name: | SURFACE OWNER OF WATER WELL |
| Address: | AND/OR WATER PURVEYOR(s) |
| | Name: See Attachment 13A |
| Name: | Address: |
| Address: | |
| | OPERATOR OF ANY NATURAL GAS STORAGE FIELD |
| □ SURFACE OWNER(s) (Impoundments or Pits) | Name: TC Energy Attn: Garrett Word |
| Name: | Address: Houston Office Bank of America 700 Louisiana St |
| Address: | Houston, TX 77002 |
| | *Please attach additional forms if necessary |

WW-6A (8-13) API NO. 47-009 -OPERATOR WELL NO. Vurnen Johnson WTZ 4019 Well Pad Name: Vernon Johnson WTZ

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting <u>www.dep.wv.gov/oil-and-gas/pages/default.aspx</u>.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

WW-6A (8-13)

4710303520

API NO. 47-009 -OPERATOR WELL NO. Vernon Johnson WTZ 401H

Well Pad Name: Vernon Johnson WTZ

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, WV 25304 (304) 926-0450 RECEIVED Office of Oil and Gas JUL 1 4 2022

100 Department of Monumental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WW-6A (8-13)

API NO. 47700910303520

OPERATOR WELL NO. Vernori Johnson WTZ 401H Well Pad Name: Vernon Johnson WTZ

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-

<u>Permits/Pages/default.aspx</u> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

ONE WV Departmenta Protection

08/26/2022

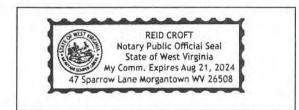
| WW-6A | |
|--|---------|
| (8-13) | |
| | |
| Notice is hereby given by: | |
| Well Operator: SWN Production Co., LLC | Addre |
| Telephone: 304-884-1610 | Morgant |
| Email: Brittany_Woody@swn.com | Facsin |

4710303520 API NO. 47-009 OPERATOR WELL NO. Version Johnson WTZ 401H Well Pad Name: Version Johnson WTZ

| Address: 1300 Fort Pierpont Dr., Suite 201 | |
|--|--|
| Morgantown, WV 26508 | |
| Facsimile: | |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



| Subscribed and sworn before me this l^{5+} day of T_{0} | , 2022 |
|---|---------------|
| Cit Cut | Notary Public |
| My Commission Expires 8 (21/2029 | |

0194

JUL 1 4:022

WV Depanation Environmental Protection

08/26/2022

Vernon Johnson Pad - Water Purveyors w/in 1500' Sou

. .

Landowner

Address

Sources

Vernon S. Johnson Estate/ C/O Gary W. Draheim

11895 Amy Drive, La Plata MD 26046 1 well

RECEIVED Office of Oil and Gas

JUL 1 4 2022

WV Department of Environmental Protection

Operator Well No. Vemon Johnson WTZ

4710303520

| WW-6A3 | |
|--------|--|
| (1/12) | |

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry Date of Notice: 5/18/2022 Date of Planned Entry: 5/25/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

| PERSONAL | REGISTERED | METHOD OF DELIVERY THAT REQUIRES A |
|----------|------------|------------------------------------|
| SERVICE | MAIL | RECEIPT OR SIGNATURE CONFIRMATION |

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

| SURFACE OWNER(s) | COAL OWNER OR LESSEE | |
|--------------------------|--|--|
| Name: Vernon Johnson | Name: Reserve Coal Properties Co. Attn: Casey Saun | ders |
| Address: 11895 Amy Drive | Address: 275 Technology Drive Suite 101 | |
| La Plata, MD 20646 | Canonsburg, PA 15317-9656 | FECENCED |
| Name: | | RECEIVED Office of Oil and Gas |
| Address: | MINERAL OWNER(s) | |
| | Name: AMP Fund III, LP | JUL 1 4 2022 |
| Name: | | |
| Address: | Pittsburgh, PA 15219 | WV Department of Environmental Protection |
| | "please attach additional forms if necessary | Environmentar |

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| WV | Approx. Latitude & Longitude: | 39.717777, -80.545950 | |
|-----------|-------------------------------|--|--|
| Wetzel | Public Road Access: | Rice Ridge Road | |
| Clay | Watershed: | West Virginia Fork Fish Creek | |
| Littleton | Generally used farm name: | Vernon Johnson WTZ | |
| | Weizel Clay | Wetzel Public Road Access: Clay Watershed: | |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

| Well Operator: | SWN PRODUCTION COMPANY, LLC | Address: | 1300 Fort Pierpont Dr., Suite 201 | |
|----------------|-----------------------------|------------|-----------------------------------|--|
| Telephone: | 304-884-1610 | | Morgantown, WV 26508 | |
| Email: | brittany_woody@swn.com | Facsimile: | | |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deprivacy officer at deprivacy of the group.

| WW-6A3 | | | | | Opera | ator W | en mo |). veno | 1 JUNIS | UT WIZ | |
|--|--|---|---|---|---|--------------------------|---|--|--|--|--------|
| (1/12) | | | | | 1.7 | 4 0 | 7 | 07 | C | 0.0 | |
| | | | STATE | OF WEST VIRGINIA | 4/ | 10 | 3 | 0 0 | Э | 20 | |
| D | EPARTME | VT OF ENVIR | ONME | NTAL PROTECTION, OF ENTRY FOR PLAT SURVE | FFICE (| OF O | IL A | NDO | GAS | | |
| entry | | | | least SEVEN (7) days but no more | e than FO | RTY- | FIVE | (45) d | lays p | prior to | |
| Date of Noti | ce: 5/18/2022 | Date of Pl | anneu en | Hry. distant | | | | | | | |
| Delivery me | thed pursuant | to West Virginia (| Code § 22 | 2-6A-10a | | | | | | | |
| D PERSO | NAL I | REGISTERED | | METHOD OF DELIVERY THAT | T REOUI | IRES A | | | | | |
| SERVIC | | MAIL | | RECEIPT OR SIGNATURE CON | | | | | | | |
| owner of min and Sedimen | t Control Manu | g such tract in the o al and the statutes a | county tax and rules r | records. The notice shall include related to oil and gas exploration a | nd produ | ction m | t copi nay be | es of the obtain | ne sta ned fi | te Erosion rom the | |
| owner of min and Sedimen Secretary, wh enable the su Notice is her | nerals underlyin t Control Manu hich statement s rface owner to reby provided t | g such tract in the c al and the statutes a hall include contac obtain copies from o: | county tax and rules r t informat | records. The notice shall include related to oil and gas exploration a tion, including the address for a we | nd produ eb page o | ction n on the S | t copi nay be | es of the obtain | ne sta ned fi | te Erosion rom the | |
| owner of min and Sedimen Secretary, wh enable the su Notice is her | nerals underlyin t Control Manu hich statement s rface owner to reby provided t CE OWNER(s) | g such tract in the c al and the statutes a hall include contac bbtain copies from o: | county tax and rules r tt informat the secret | records. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. COAL OWNER OF Name: | nd produ eb page o R LESSE | ction n m the S E | t copi nay be Secret | es of the obtain | ne sta ned fi | te Erosion rom the | |
| owner of min and Sedimen Secretary, wh enable the su Notice is her SURFA Name: | nerals underlyin t Control Manu hich statement s rface owner to reby provided t CE OWNER(s) | g such tract in the c al and the statutes a hall include contac obtain copies from o: | county tax and rules r ti informat the secreta | records. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. | nd produ eb page o R LESSE | ction n m the S E | t copi nay be Secret | es of tl e obtain ary's v | ne sta ned fr veb si | te Erosion rom the te, to | |
| owner of min and Sedimen Secretary, wh enable the su Notice is her SURFA Name: Address: | nerals underlyin t Control Manu hich statement s rface owner to o reby provided t CE OWNER(s) | g such tract in the c al and the statutes a hall include contac obtain copies from o: | county tax and rules r the secret | records. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. COAL OWNER OF Name: | nd produ eb page o R LESSE | ction n m the S E | t copi nay be Secret | es of tl e obtain ary's v | ne sta ned fr veb si | te Erosion rom the | 2.5 |
| owner of min and Sedimen Secretary, wł enable the su Notice is her SURFA Name: Name: | nerals underlyin t Control Manu hich statement s rface owner to o reby provided t CE OWNER(s) | g such tract in the c al and the statutes a hall include contac obtain copies from o: | county tax and rules r the secret | records. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. COAL OWNER OF Name: Address: MINERAL OWNER | nd produ eb page o R LESSE | ction n m the S E | t copi nay bo lecret | es of tl e obtain ary's v | FIEL FIEL FIEL FIEL FIEL FIEL FIEL FIEL | ceived converted ceived follend c | |
| owner of min and Sedimen Secretary, wł enable the su Notice is her SURFA Name: Address: Address: | nerals underlyin t Control Manu hich statement s rface owner to o reby provided t CE OWNER(s) | g such tract in the c al and the statutes a hall include contac obtain copies from o: | county tax and rules r it informat the secret | records. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. COAL OWNER OF Name: | nd produ eb page o R LESSE | ction n m the S E | t copi nay bo lecret | es of tl e obtain ary's v | FIE FIE FIE FIE FIE FIE FIE FIE FIE FIE | ceived follend c 1 4 202 | |
| owner of min and Sedimen Secretary, wł enable the su Notice is her SURFAO Name: Name: Name: Name: | nerals underlyin t Control Manu hich statement s rface owner to o reby provided t CE OWNER(s) | g such tract in the c al and the statutes a hall include contac obtain copies from o: | county tax and rules r it informat the secrets | crecords. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. COAL OWNER OF Name: Address: MINERAL OWNEI Name: Alice M. Aberegg Address: 560 University Aven | nd produ eb page o R LESSE | ction n m the S E | t copi nay bo lecret | es of tl e obtain ary's v | RE FICE D FICE D | CEIVED follend C 1 4 202 | าร์ |
| owner of min and Sedimen Secretary, wł enable the su Notice is her SURFAO Name: Name: Name: Name: | nerals underlyin t Control Manu hich statement s rface owner to o reby provided t CE OWNER(s) | g such tract in the c al and the statutes a hall include contac obtain copies from o: | county tax and rules r it informat the secrets | records. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. COAL OWNER OF Name: | nd produ eb page o R LESSE R(s) | ction n on the S E | t copi nay bo lecret | es of tl e obtain ary's v | ENE FILL | ceived follend c 1 4 202 | าร์ |
| owner of min and Sedimen Secretary, wł enable the su Notice is her SURFAC Name: | ereby given: Vest Virginia C on the tract of 1 | g such tract in the c al and the statutes a hall include contac bbtain copies from o: o: | county tax and rules r the secret the secret | records. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. COAL OWNER OF Name: | nd produ eb page o R LESSE R(s) ve s if necessar well ope nde: <u>39.7</u> | E erator is | t copi nay b jecret ; plan 0.5459 | es of tl e obtain ary's w of of of ning er | RE RE For o IUL | CEIVED FOIL and C 1 4 202 | - T |
| owner of min and Sedimen Secretary, wh enable the su Notice is her SURFAG Name: | ereby given: Vest Virginia C | g such tract in the c al and the statutes a hall include contac bbtain copies from o: o: | county tax and rules r the secret the secret | records. The notice shall include related to oil and gas exploration a tion, including the address for a we ary. COAL OWNER OF Name: | nd produ eb page o R LESSE R(s) ue well ope ide: <u>39.7</u> <u>Rice</u> | E erator is | t copi nay bu jecret ; plan 0.5459: | es of tl e obtain ary's v Off Off Environ | RE RE For o IUL | CEIVED FOIL and C 1 4 202 | - T |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.ww.gov/oil-and-gas/pages/default aspx.

Notice is hereby given by:

| Well Operator: | SWN PRODUCTION COMPANY, LLC | Address: | 1300 Fort Pierpont Dr., Suite 201 | |
|----------------|-----------------------------|------------|-----------------------------------|--|
| Telephone: | 304-884-1610 | | Morgantown, WV 26508 | |
| Email: | brittany_woody@swn.com | Facsimile: | | |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacy officer a wy gov.

Operator Well No. Vernon Johnson WTZ

| WW-6A3 | |
|--------|--|
| (1/12) | |

4710303520

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry Date of Notice: 5/18/2022 Date of Planned Entry: 5/25/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

| PERSONAL | REGISTERED | METHOD OF DELIVERY THAT REQUIRES A |
|----------|------------|------------------------------------|
| SERVICE | MAIL | RECEIPT OR SIGNATURE CONFIRMATION |

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

| SURFACE OWNER(s) | COAL OWNER OR LESSEE | |
|------------------|--|--|
| Name: | Name: | |
| Address: | Address | |
| Name: | | E2CE#1-3 |
| Address: | MINERAL OWNER(s) | Officer |
| | Name: Ellen Aberegg | JUL 1 4 2022 |
| Name: | Address: PO Box 33 | |
| Address: | Cameron, WV 26033 | WV Department of Environmental Protection |
| | *please attach additional forms if necessary | Environmental Flotes |

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| State: | WV | Approx. Latitude & Longitude: | 39.717777, -80.545950 |
|-------------|-----------|-------------------------------|-------------------------------|
| County: | Wetzel | Public Road Access: | Rice Ridge Road |
| District: | Clay | Watershed: | West Virginia Fork Fish Creek |
| Quadrangle: | Littleton | Generally used farm name. | Vernon Johnson WTZ |
| | | | |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-md-gas/pages/default.aspx.

Notice is hereby given by:

| Well Operator: | SWN PRODUCTION COMPANY, LLC | Address: | 1300 Fort Pierpont Dr., Suite 201 | |
|----------------|-----------------------------|------------|-----------------------------------|--|
| Telephone: | 304-884-1610 | | Morgantown, WV 26508 | |
| Email: | brittany_woody@swn.com | Facsimile: | | |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deportive your.

Operator Well No, Vernon Johnson WTZ

| W | W-6A. | 1 |
|-----|-------|---|
| (1/ | 12) | |

4710303520

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry
Date of Notice: 5/18/2022 Date of Planned Entry: 5/25/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

| \Box | PERSONAL | REGISTERED | METHOD OF DELIVERY THAT REQUIRES . |
|--------|----------|------------|------------------------------------|
| | SERVICE | MAIL | RECEIPT OR SIGNATURE CONFIRMATION |

Pursuant to West Virginia Code § 22-6A-10(a). Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

| □ SURFACE OWNER(s) | COAL OWNER OR LESSEE |
|--------------------|--|
| Name: | Name: |
| Address: | Address: |
| Name: | |
| Address: | MINERAL OWNER(s) |
| | Name: James Joseph Aberegg |
| Name: | Address: 905 Oberline Elyria Road Apt. W-up |
| Address: | Elyria, OH 44035 |
| | *please attach additional forms if necessary |

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| State: | wv | Approx. Latitude & Longitude: | 39.717777, -80.545950 | |
|-------------|-----------|-------------------------------|-------------------------------|---|
| County: | Wetzel | Public Road Access: | Rice Ridge Road | |
| District: | Clay | Watershed: | West Virginia Fork Fish Creek | - |
| Quadrangle: | Littleton | Generally used farm name. | Vernon Johnson WTZ | |
| | | | | |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-uas/pages/default.aspx.

| Notice is here | by given by: | | JUL 1 4 2022 |
|----------------|------------------------|--|--|
| Well Operator: | | Address: 1300 Fort Pierpont Dr., Suite : | 201 WV Department of Environmental Protection |
| Telephone: | 304-884-1610 | Morgantown, WV 26508 | Environmentar |
| Email: | brittany_woody@swn.com | Facsimile: | |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deprivacy officer and you.

| WW-6A3 (1/12) | | | | | | Operator Well No. | 303520 |
|--|---|--|--|---|---|---|---|
| | Sana | | TATE OF WE | | | - | - |
| DE | EPARTMI | ENT OF ENVIRO <u>NOTIO</u> | NMENTAL PI CE OF ENTRY I | | | CE OF OIL AN | ND GAS |
| | Requiremen | t: Notice shall be prov | ided at least SEVE | N (7) da | ys but no more tha | m FORTY-FIVE (| 45) days prior to |
| entry Date of Notice | e: 5/18/2022 | Date of Plan | ned Entry: 5/25/202 | 22 | | | |
| Delivery meth | od pursuan | t to West Virginia Co | ode § 22-6A-10a | | | | (me |
| D PERSON SERVICE | | REGISTERED MAIL | | | LIVERY THAT RINATURE CONFIRM | | |
| on to the surfa but no more th beneath such to owner of mine and Sediment Secretary, whi enable the surf | ce tract to co an forty-five ract that has rals underlyi Control Man ch statement face owner to | Code § 22-6A-10(a), P induct any plat surveys days prior to such ent filed a declaration pur- ng such tract in the con- ual and the statutes an shall include contact i o obtain copies from th | required pursuant ry to: (1) The surfa- suant to section thir unty tax records. T d rules related to oi nformation, includi | to this a ce owne ty-six, a he notic l and ga | rticle. Such notice r of such tract; (2) rticle six, chapter t e shall include a st s exploration and p | shall be provided as to any owner or les twenty-two of this of atement that copies production may be of | t least seven days see of coal seams code; and (3) any of the state Erosion obtained from the |
| Notice is here | 0.01 | | - | - | | 1 | |
| SURFAC | and the second second second second | 8 | | | L OWNER OR LE | | ~ |
| Name: | | | N | Name:Address: | | - | |
| | | | | duress. | | | - |
| Name: | | | | | | | - |
| Address: | | | | I MIN | ERAL OWNER(s) | | |
| | | | Na | ame: Bria | an Franklin Butler | | |
| Name: | | | A | Name: Brian Franklin Butler Address: 108 Quarter Drive Bunkerhill, WV 25413 | | | |
| Address: | | | - <u>Bu</u> *p | | / 25413 h additional forms if ne | ecessary | |
| Notice is her Pursuant to We | * C | Code § 22-6A-10(a), n | otice is hereby give | en that th | e undersigned wel | l operator is planni | ng entry to conduct |
| | | land as follows: | | | 1 | | |
| State: | WV | | | | ude & Longitude: | 39.717777, -80.545950 | |
| | Wetzel | | | c Road / | Access: | Rice Ridge Road West Virginia Fork Fish (| Crook |
| | Littleton | | | | d farm name: | Vernon Johnson WTZ | OTERK |
| Copies of the s may be obtaine Charleston, W | ed from the S V 25304 (30 | and Sediment Control ecretary, at the WV D 4-926-0450). Copies by visiting <u>www.dep</u> | Manual and the sta epartment of Enviro of such documents | itutes an onmenta or addit | d rules related to o l Protection headq ional information r | uarters, located at 6 | 501 57th Street, SE, |
| Notice is here | eby given b | y: | | | | | |
| | SWN PRODU | CTION COMPANY, LLC | Add | dress: | 1300 Fort Pierpont Dr., | Suite 201 | JUL 1 4 2022 |
| Telephone: | 304-884-1610 | | | | Morgantown, WV 26508 | В | WV Department of |
| Email: | brittany_woody | @swn.com | Fac | simile: | | | WV Department of tor |
| duties. Your pe needed to con appropriately se | Dil and Gas p ersonal infor aply with st ecure your p | tice: processes your persona mation may be disclo atutory or regulatory ersonal information. If r at depprivacyofficer/ | sed to other State requirements, inc f you have any que | agencie luding | s or third parties i Freedom of Infor | in the normal cours mation Act reques | se of business or as sts. Our office will |

| DEPARTMENT OF ENVIRONMENTAL NOTICE OF ENTRY | Operator Well No. Vernon Johnson WTZ 4710303520 | | |
|---|--|--|--|
| STATE OF W DEPARTMENT OF ENVIRONMENTAL <u>NOTICE OF ENTR</u> | EST VIRGINIA | | |
| DEPARTMENT OF ENVIRONMENTAL NOTICE OF ENTRY | EST VIRGINIA | | |
| DEPARTMENT OF ENVIRONMENTAL NOTICE OF ENTRY | EST VIRGINIA | | |
| NOTICE OF ENTR | PROTECTION OFFICE OF OFF AND CAS | | |
| NOTICE OF ENTR | PROTECTION, OFFICE OF OIL AND GAS | | |
| the second s | Y FOR PLAT SURVEY | | |
| Notice Time Requirement: Notice shall be provided at least SEV | /EN (7) days but no more than FORTY-FIVE (45) days prior to | | |
| entry | | | |
| Date of Notice: 5/18/2022 Date of Planned Entry: 5/25 | 2022 | | |
| Delivery method pursuant to West Virginia Code § 22-6A-10a | | | |
| PERSONAL REGISTERED METHO | D OF DELIVERY THAT REQUIRES A | | |
| | CEIPT OR SIGNATURE CONFIRMATION | | |
| | ermit application, the operator shall provide notice of planned entry | | |
| but no more than forty-five days prior to such entry to: (1) The su beneath such tract that has filed a declaration pursuant to section to | The notice shall include a statement that copies of the state Erosion oil and gas exploration and production may be obtained from the | | |
| | | | |
| L I SURFACE OWNER(s) | COAL OWNER OR LESSEE | | |
| SURFACE OWNER(s) | COAL OWNER OR LESSEE | | |
| Address: | COAL OWNER OR LESSEE Name: Address: | | |
| Name:Address: | Name: | | |
| Name: | Name:Address: | | |
| Name: | Name:Address: | | |
| Name: Address: Name: Name: | Name:Address: | | |
| Name: | Name:Address: | | |
| Name: Name: Address: | Name:Address: | | |
| Name: | Name: | | |
| Name: | Name: | | |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and ga may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default aspx.

| Notice is here | by given by: | | Unice |
|----------------|------------------------|----------------------------------|-------------------------------------|
| | | Address: 1300 Fort Pierpont Dr., | Suite 201 JUL 1 4 |
| Telephone: | 304-884-1610 | Morgantown, WV 2650 | |
| Email: | brittany_woody@swn.com | Facsimile: | WV Depa Environmental Protection |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at departivacyofficer and gov.

WW-6A3 (1/12)

4710303520

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry

Date of Notice: 5/18/2022 Date of Planned Entry: 5/25/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

| PERSONAL | |
|----------|--|
| SERVICE | |

REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

| SURFACE OWNER(s) | COAL OWNER OR LESSEE | |
|------------------|--|--|
| Name | Name: | |
| Address: | Address: | |
| Name: | | |
| Address: | MINERAL OWNER(s) | |
| | Name: Red Stone Resources, LLC | |
| Name | Address: 817 Irish Lane | |
| Address: | Edmond, OK 73003 | |
| | *please attach additional forms if necessary | |

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| WV | Approx. Latitude & Longitude: | 39.717777, -80.545950 |
|-----------|-------------------------------|--|
| Wetzel | Public Road Access: | Rice Ridge Road |
| Clay | Watershed: | West VirgInia Fork Fish Creek |
| Littleton | Generally used farm name: | Vernon Johnson WTZ |
| | Wetzel Cłay | Wetzel Public Road Access: Clay Watershed: |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep wy.gov/oil-and-gas/pages/default.aspx.

| Email: | brittany_woody@swn.com | Facsimile: | Weightion, WY 2000 | Furie |
|----------------|------------------------|------------|-----------------------------------|--|
| Telephone: | 304-884-1610 | | Morgantown, WV 26508 | Environmental Plotoot |
| | | Address: | 1300 Fort Pierpont Dr., Suite 201 | wv Deparation of Environmental Protection |
| Notice is here | by given by: | | | JUL 1 4 2022 |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@ww.e.u.

WW-6A3 (1/12) Operator Well No. Vernon Johnson WTZ

4710303520

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry

Date of Notice: 5/18/2022 Date of Planned Entry: 5/25/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

| PERSONAL |
|----------|
| SERVICE |

REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

| SURFACE OWNER(s) | COAL OWNER OR LESSEE |
|------------------|--|
| Name: | Name: |
| Address: | Address: |
| Name: | |
| Address: | MINERAL OWNER(s) |
| F | Name: James Stoneking |
| Name: | Address: 2600 Dewitt Drive |
| Address: | Fredericksburg, VA 22408 |
| | *please attach additional forms if necessary |

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| State: | WV | Approx. Latitude & Longitude: | 39.717777, -80.545950 | |
|-------------|-----------|-------------------------------|-------------------------------|--|
| County: | Wetzel | Public Road Access: | Rice Ridge Road | |
| District: | Play | Watershed: | West Virginia Fork Fish Creek | |
| Quadrangle: | Littleton | Generally used farm name: | Vernon Johnson WTZ | |
| | | | | |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

| Notice is here | by given by: | | | IUL 1 4 2022 |
|----------------|-----------------------------|-----------------------|-----------------------------------|----------------------|
| Well Operator: | SWN PRODUCTION COMPANY, LLC | Address: | 1300 Fort Pierpont Dr., Suite 201 | |
| Telephone: | 304-884-1610 | and the second second | Morgantown, WV 26508 | WV Depailment of |
| Email: | brittany_woody@swn.com | Facsimile: | | Environmental Protos |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deportive your.

Operator Well No. Vernon Johnson WTZ 4014

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS <u>NOTICE OF INTENT TO DRILL</u>

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

 Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.

 Date of Notice:
 06/01/2022

 Date Permit Application Filed:
 0

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

| HAND | CERTIFIED MAIL |
|----------|--------------------------|
| DELIVERY | RETURN RECEIPT REQUESTED |

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided*, *however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

| Name: Vernon S. Johnson Estate | Name: |
|--------------------------------|----------|
| Address: 11895 Amy Dr. | Address: |
| La Plata, MD 20646 | |
| | |

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

| State: | West Virginia | LITMANIAD 02 | Easting: | 538,927.379 | |
|-------------|--|--------------------|-----------|--------------------|--|
| County: | Wetzel | UTM NAD 83 | Northing: | 4,396,555.081 | |
| District: | Clay | Public Road Acces | SS: | Rice Ridge | |
| Quadrangle: | Littleton, WV | Generally used far | rm name: | Vernon Johnson WTZ | |
| Watershed: | West Virginia Fork Fish Creek (HUC-10) | | | | |

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

| Well Operator: | SWN Production Company, LLC | Authorized Representative: | Justin Booth | |
|----------------|-------------------------------------|----------------------------|-----------------------------|-----------------------|
| Address: | 1300 Fort Pierpont Drive, Suite 201 | Address: | 1300 Fort Plerpont Drive, S | uite 201 |
| | Morgantown, WV 26508 | | Morgantown, WV 26508 | RECEIVED |
| Telephone: | 304-884-1675 | Telephone: | 304-884-1675 | Office of Oil and Gas |
| Email: | Justin_Booth@swn.com | Email: | Justin_Booth@swn.com | 111 x x 0000 |
| Facsimile: | | Facsimile; | | JUL 1 4 2022 |

Oil and Gas Privacy Notice:

WV Depairment of Environmental Protection

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at <u>depprivacyofficer@wv.goy</u>.

08/26/2022

WW-6A5 (1/12) Operator Well No. Version Johnson WTZ 401H

4710303520

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 05/01/2022 Date Permit Application Filed:

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

| CERTIFIED MAIL | HAND |
|--------------------------|----------|
| RETURN RECEIPT REQUESTED | DELIVERY |

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

| Name: | Vernon S. Johnson Estate | Name: |
|----------|--------------------------|----------|
| Address: | 11895 Amy Dr. | Address: |
| | La Plata, MD 20646 | |

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

| State: | West Virginia | UTM NAD 83 | Easting: | 538,927.379 | |
|-------------|--|------------------|-----------|--------------------|--|
| County: | Wetzel | | Northing: | 4,396,555.081 | |
| District: | Clay | Public Road Acc | ess: | Rice Ridge | |
| Quadrangle: | Littleton, WV | Generally used f | arm name: | Vernon Johnson WTZ | |
| Watershed: | West Virginia Fork Fish Creek (HUC-10) | | | | |

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting <u>www.dep.wv.gov/oil-and-gas/pages/default.aspx</u>.

| Well Operator: | SWN Production Company, LLC | Address: | 1300 Fort Pierpont Drive, Suite 201 | |
|----------------|-----------------------------|------------|-------------------------------------|--|
| Telephone: | 304-884-1675 | | Morgantown, WV 26508 | |
| Email: | Justin_Booth@swn.com | Facsimile: | | |

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at <u>depprivacyofficer@wv.gov</u>.



JUL 1 4 2022

WV Depa 08/26/2022



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION **Division of Highways**

1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

D. Alan Reed, P.E. **State Highway Engineer**

Jimmy Wriston, P. E. Secretary of Transportation **Commissioner of Highways**

June 7, 2022

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the Vernon Johnson Pad, Wetzel County Vernon Johnson WTZ 401H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2011-0422 which has been issued to Southwestern Energy for access to the State Road for a well site located off Wetzel County Route 8/9 SLS MP 0.74.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Jary K. Clayton

Gary K. Clayton, P.E. **Regional Maintenance Engineer** Central Office O&G Coordinator

Cc: Brittany Woody Southwestern Energy CH, OM, D-6 File

RECEIVED Office of Oil and Cas

JUL 1 4 2022

W Department of Environmental Protection

Attachment VI Frac Additives

| 1 | 7 | 1 | n | 7 | \cap | 2 | 5 | 2 | n |
|---|---|-----|---|---|--------|---|---|---|---|
| 4 | 1 | - 1 | V | 2 | U | 3 | J | 6 | U |

| Produci Name | Product Use | Chemical Name. 471030 | CAS Number |
|---|--|--|--|
| AI-303 (U.S. Well Services) | Mixture | Ethylene glycol | 107-21 1 |
| | | Cinnamaldehyde | 104-55 2 |
| | | Butyl cellosolve | 111-76 2 |
| | | Formic acid | 64-18 6 |
| | | Polyether Acetophenone, thiourea, formaldehyde polymer | Proprietary 68527-49 1 |
| | | | |
| AP ONE (U.S. Well Services) | Breaker | Ammonium persulfate | 7727-54-0 |
| actron K-139 (Champion Technologies) | Biocide | Glutaraldehyde | 111-30-8 |
| | | Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides | 68424-85-1 |
| | | Ethanol | 64-17-5 |
| ctron K-219 (Champion Technologies) | Biocide | Methanol | 67-56-1 |
| | | Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides | 68424-85-1 |
| arboNRT | Tracer | Ceramic Proppant | 66402-68-4 |
| 6486A (Nalco Champion) | Scale Inhibitor | Amine Triphosphate | Proprietary |
| | | Ethylene Glycol | 107-21-1 |
| C6734A (Champion Technologies) | Biocide | Hydrogen Peroxide | 7722-84-1 |
| | | Acetic Acid | 64-19-7 |
| | | Peroxyacetic Acid | 79-21-0 |
| ono-Cl200 (SWN Well Services) | Corrosion Inhibitor | Methanol | 67-56-1 |
| | | Oxyalkylated fatty acid | 68951-67-7 |
| | | Fatty acids | 61790-12-3 |
| | | Modified thiourea polymer | 68527-49-1 |
| | | Water | 7732-18-5 |
| | | Hydrochloric acid | 7647-01-0 |
| | | Potassium acetate | 127-08-2 |
| | | Formaldehyde | 50-00-0 |
| opol-FEAC (SWN Well Services) | Iron Control | Acetic Acid | 64-19-7 |
| | | Citric Acid | 77-92-9 |
| | | Water | 7732-18-5 |
| P-S1176-15 (Halliburton) | Friction Reducer | Polyacylate | Proprietary |
| | | Hydrotreated light petroleum distillate | 64742-47-8 |
| JET DR900 LPP (SWN Well Services) | Friction Reducer | Distillates (petroleum) hydrotreated light | 64674-47-8 |
| | | Ethylene Glycol | 107-21-1 |
| | | Alcohols, C12-16, Exoxylated propoxylated | 68213-24-1 |
| | | Fatty Alcohols ethoxylated | Proprietary |
| | | Water | 7732-18-5 |
| UET DRP 1130X (SWN Well Services) | Friction Reducer | Proprietary | Proprietary |
| 76 (Halliburton) | Friction Reducer | Hydrotreated light petroleum distillate | 64742-47-8 |
| | | Hydrotreated light petroleum distillate no second s | Proprietary |
| TRON T-390 (Champion Technologies) | Scale Inhibitor | Methanol OT 000 | 67-56-1 |
| (| | Methanol Ope 22 000 Nonylphenol Ethoxylate | Proprietary |
| -150E (Halliburton) | Corrosion Inhibitor | No hazardous substance | N/A |
| (SWN Well Services) | Hydrocholic Acid | Hydrochloric Acid | 7647-01-0 |
| | A DESCRIPTION OF A DESC | Water For NE | 7732-18-5 |
| 55 MC (Halliburton) | Scale Inhibitor | Organic phosphonate | Proprietary |
| 2,110 (10,000,001) | | Ammonium Chloride | 12125-02-9 |
| 1-FLEX (U.S. Well Services) | Viscosifying Agent | Distillates, petroleum, hydrotreated light | 64742-47-8 |
| slick 930 | Friction Reducer | Copolymer of 2-propenamide | Proprietary |
| Inch DDO | And the neuron neuroen | Hydrotreated Distillate | 64742-47-8 |
| | | Sodium Chloride | 7647-14-5 |
| | | Alcohols, C12-16, Exoxylated | 68551-12-2 |
| | | Oleic Acid Diethanolamide | 93-83-4 |
| | | Ammonium Chloride | 12125-02-9 |
| xslick 953 | Friction Reducer | Petroleum Distillate | 64742-47-8 |
| alice 200 | Friction Reducer | Sodium Chloride | 7647-14-5 |
| | | Ammonium Chloride | 12125-02-9 |
| | | N,N-bis (2-hydroxyethyl) oleamide | 93-83-4 |
| veliak 057 | Frintian Deducer | Petroleum Distillate | 64742-47-8 |
| exslick 957 | Friction Reducer | | 64/42-4/-8 |
| | | Ammonium Chloride | 10 10 10 17 10 10 10 10 10 10 10 10 10 10 10 10 10 |
| | | Oleic Acid Diethanolamide | 93-83-4 68551-12-2 |
| | | Alcohols, C12-16, Exoxylated Water | 68551-12-2 7732-15-5 |
| CRA 2000 (11 S 141-11 Sector 3 | Anionia Estatian Distant | | |
| RA-2000 (U.S. Well Services) | Anionic Friction Reducer | Hydrotreated light distillate (petroleum) Propenoic acid, polymer with propenamide | 64742-47-8 |
| - 1 655 511 5 | and the faile | | 9003-06 9 |
| aid 655 NM | Scale Inhibitor | Diethylenetriamine penta (methylene phosphonic acid) | 15827-30-8 |
| slick 922 | no data available | Copolymer of 2-propenaminde | 69418-26-4 |
| | | Distillates (petroleum), hydotreated light | 64742-47-8 |
| | | Ammonium chloride ((NH4)CI) | 12125-02-9 |
| laida DSSOA | Riosidal avadust | Oleic Acid Diethnolamide | 93-83-4 |
| lcide PS50A | Biocidal product | Tetrakis (hydroxymethyl) phosphonium sulphate Acrylic acid terpolymer containing carboxylate phosphonate and sulfonate | 55566-30-8 |
| | | groups | 397256-50-7 |
| 0-2950 | Friction Reducer | Hydrotreated light petroleum distillate | 64742-47-8 |
| | | Ethoxylated alcohol | Proprietary |
| | | Poly (oxy-1.2-ethanediyl) alphatridecylomegahydroxy-, branched | 69011-36-5 |
| egend LD-7750W | Scale Control | Methanol | 67-56-1 |
| A second of the | | | Proprietary |
| | | Phosphonic Acid Salt | Froprietary |

