

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

Wednesday, June 18, 2025 WELL WORK PERMIT Horizontal 6A / New Drill

EXPAND OPERATING LLC 6100 N WESTERN AVE.

OKLAHOMA CITY, OK 73118

Re: Permit approval for DAVID REINBEAU MSH 405H 47-051-02557-00-00

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.

. Martin James Chief

Operator's Well Number: Farm Name: U.S. WELL NUMBER: Horizontal 6A Date Issued: 6/18/2025

Promoting a healthy environment.

API Number: 47-051-02557

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

- 1. 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 supply well.
- 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. 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. Also, 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.
- 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.

API NO. 47-05 102557 OPERATOR WELL NO. David Reinbeau MSH 405H

Well Pad Name: David Reinbeau MSH

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

| 1) Well Operato | or: Expand | Operating L | LC | 494533012 | 051-N | /larsha | U7-Union | 486-Moundsville |
|--|---|---|--|---|-------------|---------|----------------|---|
| | | | | Operator ID | Coun | ty | District | Quadrangle |
| 2) Operator's W | Vell Number | David Reinb | eau MS | SH 405H Wel | l Pad Name | : David | Reinbeau | MSH |
| 3) Farm Name/S | Surface Owr | ier: Shelly A. & D | avid W. R | Reinbeau Public | Road Acce | ss: Sor | ghum Ridg | je Road |
| 4) Elevation, cu 5) Well Type | | l: <u>1251'</u> x | | levation, propo | | | | |
| .) | Other | | | | U | | | |
| | (b)If Gas | Shallow | x | Deep |) | | | |
| | | Horizontal | x | | | | | |
| 6) Existing Pad | : Yes or No | Yes | _ | | | | | |
| 7) Proposed Tar Target Formation- | | | | | | | | Associated Pressure- 4144 |
| 8) Proposed Tot | tal Vartical I | Depth: 6355' | | | | | | |
| of roposed ro | al vertical i | Septil. eeee | | | | | | |
| | | | arcellu | S | | | | |
| 9) Formation at | t Total Vertic | cal Depth: M | | IS | | | | |
| 9) Formation at 10) Proposed Te | t Total Vertic otal Measure | cal Depth: \underline{M} ed Depth: $\underline{33}$ | arcellu | | | | | |
| Proposed 10 Formation at Proposed Te Proposed H Approximation | t Total Vertic 'otal Measure Iorizontal Le | cal Depth: \underline{M} ed Depth: $\underline{33}$ og Length: $\underline{13}$ | arcellu 3,984' 3659.14 | | | | | |
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STRADALOWSK STRADALOWSK A/17/2025

Page 1 of 3 06/20/2025

API NO. 47- 05 102 5 5 7

OPERATOR WELL NO. David Reinbeau MSH 405H Well Pad Name: David Reinbeau MSH

WW-6B (04/15)

18)

CASING AND TUBING PROGRAM

| ТҮРЕ | Size (in) | <u>New</u> <u>or</u> <u>Used</u> | Grade | Weight per ft. (lb/ft) | FOOTAGE: For Drilling (ft) | INTERVALS: Left in Well (ft) | <u>CEMENT:</u> <u>Fill-up</u> <u>(Cu. Ft.)/CTS</u> |
|--------------|--------------|--|----------|---------------------------|-------------------------------|------------------------------------|--|
| Conductor | 20" | New | J-55 | 94# | 136' | 136' | CTS |
| Fresh Water | 13 3/8" | New | J-55 | 54.4# | 476' | 476' | 543 sx/CTS |
| Coal | See | Interm | Casing | | | | |
| Intermediate | 9 5/8" | New | J-55 | 36# | 2091' | 2091' | 840 sx/CTS |
| Production | 5 1/2" | New | P-110 HP | 20# | 33984' | 33984" | Tail 6483sx/ 100' Inside Intermediate |
| Tubing | | | | | | | |
| Liners | | | | | | | |

| ТҮРЕ | Size (in) | <u>Wellbore</u> Diameter (in) | <u>Wall</u> <u>Thickness</u> <u>(in)</u> | 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" | 0.330 | 1730 | 633 | Class A | 1.20/30% Excess |
| Coal | See | Interm | Casing | | | | |
| Intermediate | 9 5/8" | 12 1/4" | 0.352 | 3520 | 1768 | Class A | 1.19/40% Excess |
| Production | 5 1/2" | 8 3/4"-8 1/2" | 0.361 | 14360 | 10500 | Class A | 1.19/10-15% Excess |
| Tubing | | | | | | | |
| Liners | | | | | | | |

PACKERS

RECEIVED Office of Oil and Gas

| Kind: | MAY 07 2025 |
|-------------|--|
| Sizes: | WV Department of Environmental Protection |
| Depths Set: | |

Stowner how wet

WW-6B (10/14)

API NO. 47-0510510255 OPERATOR WELL NO. David Reinbeau MSH 405H

Well Pad Name: David Reinbeau MSH

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 units, 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): 18.42

22) Area to be disturbed for well pad only, less access road (acres): 10.4

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:

 24) Describe all cement additives associated with each cement type:
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 See Attachment ***
 Office of Oil and Gas

 MAY 07 2025
 WV Department of Environmental Protection

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.

*Note: Attach additional sheets as needed.

Page 3 of 3

| | | | CEMENT | ADDITIVES | | |
|--------------------|------------------------------|-----------------------|----------------------------|--------------------------------------|---|-------------|
| INTERVAL | SCHLUMBERGER PRODUCT NAME | BJ PRODUCT NAME | NEXTIER PRODUCT NAME | PRODUCT USE | CHEMICAL NAME | CAS-Number |
| SURFACE | ~ | INTEGRA | CJ600 | LOST CIRC MATERIAL | CELLOPHANE FLAKES | 9005-81-6 |
| (FRESHWATER) | | SEAL | | | | |
| up to 3% | S001 | A-7P INTEGRA | 0110 | ACCELERATOR | CALCIUM CHLORIDE | 10043-52-4 |
| COAL PROTECTION | > < | SEAL | 0600 | LOST CIRC MATERIAL | CELLOPHANE FLAKES | 9005-81-6 |
| up to 3% | S001 | A-7P | CJIIO | ACCELERATOR | CALCIUM CHLORIDE | 10043-52-4 |
| | D020 | BENTONITE | CJ020 | EXTENDER | BENTONITE | 1302-78-9 |
| | 0047 | FP 28L | \times | LIQUID ANTIFOAM AGENT | POLYPROPYLENE GLYCOL | 25322-69-4 |
| INTERMEDIATE | \succ | INTEGRA SEAL | CJ600 | LOST CIRC MATERIAL | CELLOPHANE FLAKES | 9005-81-6 |
| INTERMEDIATE | CemNet | \ge | \succ | LOST CIRC MATERIAL | COATED FIBERGLASS FIBERS | PROPRIETARY |
| | SUGAR | SUGAR | CJ795 | CMT RETARDER | SUCROSE | 57-50-1 |
| | S001 | A-7P | CJ110 | ACCELERATOR | CALCIUM CHLORIDE | 10043-52-4 |
| | \succ | \times | CJIII | ACCELERATOR | SODIUM CHLORIDE | 7440-23-5 |
| | \leq | 55-IIW | 0880 | SURFACTANT | NONIONIC SURFACTANT | 6540-99-4 |
| | DO47 | FP 28L | \times | LIQUID ANTIFOAM AGENT | POLYPROPYLENE GLYCOL | 25322-69-4 |
| | \times | \succ | OX157011 | SOLID ANTIFOAM AGENT | FULLERS EARTH(ATTAPULGITE) | 8031-18-3 |
| | \geq | \succ | CJ540 | HP FLUID LOSS ADDITIVE | ALIPHATICAMIDE POLYMER | PROPRIETARY |
| | 0255 | $\boldsymbol{\times}$ | \succ | MED TEMP FLUID LOSS ADDITIVE | POLYACRILIC POLYMER | PROPRIETAR |
| | \searrow | \searrow | CJ213 | RETARDER | CHRYSTALLINE SILICA | 14808-60-7 |
| PRODUCTION | \leq | FL-66 | 0501 | LOW TEMP FLUID | POWDERED POLYSACCHARIDE | PROPRIETAR |
| | \sim | BENTONITE | CJ020 | EXTENDER | BENTONITE | 1302-78-9 |
| | D208 | ASA-301 | \times | VISCOSI FIER/ANTI- SETTLING AGENT | REFINED POLYMER/ CHRYSTALLINE SILICA | PROPRIETAR |
| | D198 | R-3 | X | CEMENT RETARDER | LIGNIN | 8068-51-6 |
| | SUGAR | SUGAR | CJ795 | CEMENT RETARDER | SUCROSE | 57-50-1 |
| | D065 | \succ | \succ | DISPERSANT | SODIUM POLYNAPHTHALENE SULFONATE | 8068-51-6 |
| | D800 | $\mathbf{\times}$ | \searrow | CEMENT RETARDER (Mid-Temperature) | SODIUM | 8061-51-6 |



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WV Department of Environmental Protection



WV Department of Environmental Protection

| 3 | | David Reinbeau MSH 405H AOR | | | | | | |
|-----|-------------|-----------------------------|-----------|----------|-----------|-------------|-------------------------|--------------------------------|
| | API | Operator | Status | Latitude | Longitude | Vertical TD | Producing Formation | Producing Zones Not Perforated |
| 2 | 051-30090-A | Unknown | Abandoned | *** | *** | 1,476' | Cow Run Sand, Salt Sand | N/A |
| | 051-30106-A | Unknown | Abandoned | *** | ••• | 1,548' | Salt Sand | N/A |
| - L | | | | | | | | |

Affice of Oil and Gas MAY 0 7 2025 WV Department of Environmental Protection



| WW-9 4705102557 |
|---|
| 4/16) API Number 47 - 051 - Operator's Well No. David Reinbeau MSH 410H |
| STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS |
| FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN |
| |
| Operator Name Expand Operating LLC OP Code 494533012 |
| Watershed (HUC 10)_Holliday Run of Wheeling Creek Quadrangle Moundsville |
| Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes <u>V</u> No <u>V</u> Will a pit be used? Yes <u>No</u> <u>V</u> |
| If so, please describe anticipated pit waste: |
| Will a synthetic liner be used in the pit? Yes No 🖌 If so, what ml.? |
| Proposed Disposal Method For Treated Pit Wastes: |
| Land Application |
| Underground Injection (UIC Permit Number Various Approved Facilities) |
| Reuse (at API Number_At the next anticpiated well |
| Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain recovery and solidification on site |
| outer (Expann |
| Will closed loop system be used? If so, describe: Yes- See Attachment 3A |
| Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etcAir drill to KOP, fluid drill with SOBM from KOP to TD |
| -If oil based, what type? Synthetic, petroleum, etc. Synthetic Oil Base |
| Additives to be used in drilling medium? Attachment 3B RECEIVED Office of Oil and |
| Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. landfill MAY 07 20 |
| -If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) |
| -Landfill or offsite name/permit number? Meadowfill SWF- 1032, Short Creek SWF-1034, Carbon Limestone MSWL018781, Wetzel CEnwirdPrinental Protection |
| Apex Sanitary LandIIII Ub-U8438, Brooke Co SVVF-1013, FMS 353100 Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any |
| West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed. |
| |
| I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable aw 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 DUHANU WOOdy Company Official (Typed Name) Brittany Woody | | |
|---|-----------------|---|
| Company Official Title_Staff Regulatory Specialist | | |
| Subscribed and sworn before me this 25 day of March | , 20 00 WEET DA | OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA |
| My commission expires (23/2029 | Notary Profit | Elizabeth Blankenship 80 Simpson Run Road Weston, WV 28452 My Commission Expires June 23, 2029 |

Operator's Well No. David Reinbeau MSH 405H

Form WW-9

Expand Operating LLC

| 0.4 |
|--------------------|
| |
| |
| re |
| |
| ixtures |
| Permanent |
| Seed Type lbs/acre |
| |
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| 1 |

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

| Plan Approved by: STRADER Gowerk | RECEIVED Office of Oil and Gas |
|---|--|
| | MAY 07 2025 |
| | WV Department of Environmental Protection |
| | |
| | |
| | |
| Title: Oil & Gas Inspector Date: 4/17/202 | S . |
| Field Reviewed? () Yes () No | |

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 a Shale Gas Separator, 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 highly weighted 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 haul off to an approved landfill site. (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 Separator 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)

Office of Oil and Gas MAY 07 2025

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. Cutting WV Department of 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

3.10.2025

4705102557

Drilling Mediums

Surface/Coal (if present)/Freshwater Intervals

Air

Freshwater (if needed based on conditions)

Intermediate/Coal (if present)

Air

Freshwater (if needed based on conditions)

Brine (if needed, base fluid for mud systems)

Production Hole:

Air

Synthetic Oil (Base Fluid for mud system)

Barite

Calcium Chloride

Lime

Organophilic Bentonite

Primary and Secondary Emulsfiers

Gilsonite

Calcium Carbonate

Friction Reducers

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MAY 07 2025

WV Department of Environmental Protection

| | | | Attachme | ent 3C |
|--|-------------------------|--|--|---|
| e)xpand | | WVD Seeding | Specification | |
| To Order : | Seed contact Lyndsi Edd | ly Flippo office 570-996-4271 cell 501-26 | i9-5451 lyndsi_eddy@swn.com (please allow 7 to 10 |) days for delivery) |
| NON-ORGANIC PROPERTIES | | | ORGANIC PROPERTIES | |
| Seed Mixture: ROW Mix | SWN | Supplied | Seed Mixture: SWN Production Organi | c Mix SWN Supplied |
| Orchardgrass | 40% | | Organic Timothy | 50% |
| Timothy | 15% | | Organic Red or White Clover | 50% |
| Annual Ryegrass | 15% | | OR | |
| Brown Top Millet | 5% | | Organic Perennial Ryegrass | 50% |
| Red Top | 5% | and the second sec | Organic Red or White Clover | 50% |
| Medium Red Clover | 5% | All legumes are | Apply @ 100lbs per acre | Apply @ 200lbs per acre |
| White Clover | 5% | innoculated at 5x normal | April 16th- Oct. 14th | Oct. 15th- April 15th |
| Birdsfoot Trefoil | 5% | rate | | |
| Rough Bluegrass | 5% | and have a start of the | Organic Fertilizer @ 200lbs per Acre | Pelletized Lime @ 2 Tons per Acre |
| Apply @ 100lbs per acre April 16th- Oct. 14th | o | Apply @ 200lbs per acre ct. 15th- April 15th PLUS s per acre of Winter Wheat | WETLANDS (delineated as jurisdic | ctional wetlands) |
| SOIL AMENDMENTS | | | Seed Mixture: Wetland Mix | SWN Supplied |
| 10-20-20 Fertilizer | */ | Apply @ 500lbs per Acre | VA Wild Ryegrass | 20% |
| Pelletized Lime | A | apply @ 2 Tons per Acre | Annual Ryegrass | 20% |
| | *unless o | therwise dictated by soil test results | Fowl Bluegrass | 20% |
| Seeding Calculation Information: | | | Cosmos 'Sensation' | 10% |
| 1452' of 30' ROW/LOD is One Acre | | | Redtop | 5% |
| 871' of 50' ROW/LOD is One Acre | | | Golden Tickseed | 5% |
| 622' of 70' ROW/LOD is One Acre | | | Maryland Senna Showy Tickseed Fox Sedge Soft Rush Woolgrass Swamp Verbena | 5% |
| | | | Showy Tickseed Fox Sedge Soft Rush Woolgrass Swamp Verbena | 5% |
| Synopsis: | | | Fox Sedge Dep | 2.5% |
| Every 622 linear feet in a 70' ROW/LOD | | | Soft Rush Darth O 7 OII | 2.5% |
| bags of fertilizer and (80) 50lb bags of I Wheat/ac). | Lime (2x seed in wir | iter months + 50lb Winter | Woolgrass Prot | 2.5% |
| | | | Woolgrass Protecting Swamp Verbena Cl 25 Swamp Verbena Control | 2.5% |
| Special Considerations: | CRED program and | icinante require additional | Appl@@ 25lbs per acre April 16th- Oct. 14th | Apply @ 50lbs per acre Oct. 15th- April 15th |
| Landowner Special Considerations includin guidance that is not given here. Discuss th beginning of the project to allow time for s | ese requirements wi | th SWN supervision at the | The second second second second | IE INSIDE WETLAND LIMITS |

1 0 5 -0 N 51 C1 V

Rev.10/11/2024

MARCELLUS WELL DRILLING PROCEDURES AND 4705102557 WELL SITE SAFETY PLAN



Expand Energy 1300 Fort Pierpont Drive, Suite 201 Morgantown, West Virginia 26508

API NO. 47-XXX-XXXXX WELL NAME: David Reinbeau MSH 405H Moundsville QUAD Union DISTRICT MARSHALL COUNTY, WEST VIRGINIA

Submitted by:

Name: <u>Brittany Woody</u>

Date: 3/25/2025

RECEIVED Office of Oil and Gas

MAY 07 2025

WV Department of Environmental Protection

Title: Staff Regulatory Specialist

Expand Energy

Date:

Approved by:

| Name: | STRADER | GOWER | |
|-------|---------|-------|--|
|-------|---------|-------|--|

Date: 4/17 2025

Title: DildGAS Inspector

Approved by:

Name:

| Title: | | | |
|--------|--|--|--|
| | | | |

Expand Energy - CONFIDENTIAL





PAD ID 3001156592









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

| TRACT | SURFACE OWNER (S) / ROYALTY OWNER (R) | TAX PARCEL |
|-------|---|--------------|
| | REINBEAU SHELLY A & DAVID W (S)/(R) | 13-8-29 |
| 1 | SURFACE OWNER (S) | TAX PARCEL |
| TRACT | KOSEM DEBBIE & KARL (5) | 13-8-32 |
| 2 | CUSTER RITA MET AL (S) | 13-8-1 |
| 3 | BONACCI FRANK A (S) | 13-3-5.5 |
| 4 | | 13-3-5.1 |
| 5 | BONACCI BRIAN F (S) | 13-3-3 |
| 6 | COULLING LOUISES ET AL (S) | 13-3-5 |
| 7 | COULUNG LOUISE S (S) | 13-3-5.3 |
| 8 | COULLING LOUISE S ET AL (S) | 13-3-2 |
| 9 | WHITE HORSE FARMULC (5) | 13-2-88 |
| 10 | ISER RONALD J ET UX (S) | 13-2-86 |
| 11 | GIBSON DAVID T ET UX (S) | |
| 12 | WILLIS CHARLES ROBERT ET AL (5) | 13-2-29 |
| 13 | LONG RICHARD E ET UX (S) | 13-2-34 |
| 14 | LONG RICHARD E ET UX (S) | 13-2-35 |
| 15 | LONG TODO ELI EST (S) | 13-2-35.1 |
| 16 | LONG RICHARD E ET UX IS) | 13-2-20 |
| 17 | SCHANE SANDREA M (S) | 13-2-19 |
| 18 | PERONI CONSTRUCTION INC (S) | 10-W95-112 |
| 19 | MARTIN KELLY JO (S) | 13-2-16.2 |
| 20 | C J RYAN NC IS) | 10-W95-109 |
| 21 | BRAUNLICH EARL FRITZ & JAMIE (S) | 13-2-102.4 |
| 22 | POTTS TAYLOR & KRISTIN POTTS (S) | 01-RB2-31.9 |
| 23 | POTTS JOHN W & ROSE A (S) | 01-RB2-31.8 |
| 24 | POTTS JOHN W & RA (S) | 01-RB2-31.7 |
| 25 | POTTS JOHN W & ROSE A (S) | 01-RB2-31.2 |
| | GALE JAMES ASSET MIGMT LLC (S) | 01-RB2-24.1 |
| 26 | WHEELING ANTENNA CO C/O COMCAST CORPORATION (S) | 01-RB2-26 |
| 27 | APEX SELF STORAGE LLC (S) | 01-RB2-37 |
| 28 | PORTA JAMES A & EYTHLE L(S) | 01-R82J-15 |
| 29 | CARTER BARRY W & TL (S) | 01-8821-14 |
| 30 | SAMBUCO ERROLC JR & CL(S) | 01-RB2J-13 |
| 31 | BIEGA THOMAS A (S) | 01-R82J-12 |
| 33 | APEX SELF-STORAGE LLC (S) | 01-0R82-17.2 |
| 34 | NERNBERG & RICHARD TRUST 1/2INT & NERNBERG SUSAN L 1/2 INT (S) | 01-R82J-3 |
| 35 | NERNBERG A RICHARD TRUST 1/2 INT & NERNBERG SUSAN L 1/2 INT (S) | 01-RB2J-146 |
| 36 | VILLAGE OF BETHLEHEMI(S) | 01-RB2-17.4 |
| 37 | WHEELING PROPERTIES CO ADDI (S) | 01-RB2-20 |
| 38 | BLEIFUS LEO A JR (S) | 01-R82-18.1 |
| 39 | TAYLOR JOSEPH WILLIAM (S) | 01-RB2-19 |
| 40 | WVDOT (S) | 1470 |
| 41 | WH HOLDINGS II INC (S) | 01-RB1-16 |
| 42 | SWEARINGEN PEGGY D (S) | 01-R81-16.2 |
| 43 | DIOCESAN REALESTATE INC (S) | 10-W68A-2 |
| 44 | BEALL PAUL & TRUSTEE BEALL FAMILY IRREV TRUST (S) | 01-RB1-21 |
| 45 | CAPGROW HOLDINGS JV SUB VII LLC (S) | 10-W61-61 |
| 46 | BALTZ ROBERT R (S) | 10-W61-38 |
| 47 | VAUGHT RODNEY J (S) | 10-W61-39 |
| 48 | BORUM MARY M& MARK R (S) | 10-W61-40 |
| 49 | WHALEN SUSAN M (S) | 10-W61-21 |
| 50 | POSEY MICHAEL & ROBERTA - TOD (S) | 10-W61-17 |
| 51 | MILLER MARIA E (S) | 10-W53-207 |
| 52 | TRABERT MARTY J (5) | 10-W53-208 |
| 53 | GREER STACY J (S) | 10-W53-210 |
| 54 | BAUER DANIELE & MA (5) | 10-W53-211 |
| 55 | VAHNKE GREGORY L SHARON E (S) | 10-W53-213. |
| 56 | STEAD TERRIL & TODD M (S) | 10-W53-200 |
| 57 | SCOTT TUCKER WILSON & ERIN WILSON (S) | 10-W53-199 |
| 58 | LINDSAY & BRIAN LEGGETT (S) | 10-W53-198 |
| 59 | RICH HOLDINGS LLC (S) | 10-W53-197 |

"Highlighted Parcels may be impacted during drilled.

| A A B C C D E F G H I J K L J K L N O P Q R S T U V V W X - Y Z B2 C2 | SURFACE OWNER ROUSH MATTHEW G KNOX VERNON GLEN ET UX SHEPHERD KENNETH MICHAEL TAYLOR DAVID R ET UX LIBERTY JOHN ET UX MCCOMBS JOHN A SR, THOMAS E & BETH MCCOMBS JOHN A SR, THOMAS E & BETH MCCOMBS JOHN A SR, THOMAS L & BLIH RLINBLAU SHLLLY A & DAVID W BOWMAN MICHAEL I UX UOWMAN MICHAEL I & CONSTANCL G ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA MALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GAMES MARY V GAMES MARY V GAMES MARY V MCGUIRE PHILIP C WILDEIBUSCH NOBLRI & CINDY VIEDEIBUSCH NOBLRI & CINDY VIEDEIBUSCH NOBLRI & CINDY VIEDEIBUSCH NOBLRI & CINDY | TAX PARCEL 13-8-34 13-8-7.1 13-8-7.1 13-8-7.1 13-8-7.1 13-8-7.1 13-8-7.1 13-8-7.1 13-8-7.1 13-8-10 13-8-7.1 13-8-11 13-8-21 13-7-21 13-7-20 13-7-18 13-7-18 13-7-18 13-7-18 13-7-18 13-7-18 13-7-18 13-7-18 13-7-18 13-7-18 13-7-21 13-8-30 13-8-31 13-8-31.1 13-8-31.1 13-4-22.6 13-4-22.15 13-4-22.15 13-4-22.21 13-4-22.21 13-4-22.18 13-4-22.18 13-4-22.16 13-4-22.8 |
|---|--|--|
| B C C D E E F F G G H I J K L N N N O P Q Q R R S S T U U V W X Y V X Y Y Z A2 D2 C2 | KNOX VERNON GLEN ET UX SHEPHERD KENNETH MICHAEL TAYLOR DAVID R ET UX UBERTYJOHN ET UX MCCOMBS JOHN A SR, THOMAS E & BETH MCCOMBS JOHN A SR, THOMAS E & BETH REINBLAU SHLILY A & DAVID W BOWMAN MICHAEL ET UX UOWMAN MICHAEL ET UX UOWMAN MICHAEL J & CONSTANCE G ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WILST RICHARD DWAYNE JR ET AL BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA GAMES MARY V GAMES MARY V GRISELL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRAN W MCGUIRE PHILIP C | $\begin{array}{c} 13 \ 8 \ 35 \\ 13 \ 8 \ 35 \\ 13 \ 8 \ 7.1 \\ 13 \ 8 \ 9 \\ 13 \ 8 \ 7.1 \\ 13 \ 8 \ 9 \\ 13 \ 8 \ 7.1 \\ 13 \ 8 \ 7.1 \\ 13 \ 8 \ 9 \\ 13 \ 8 \ 10 \\ 13 \ 8 \ 11 \\ 13 \ 8 \ 26 \\ 13 \ 8 \ 27 \\ 13 \ 8 \ 28 \\ 13 \ 7 \ 20 \\ 13 \ 8 \ 27 \\ 13 \ 8 \ 28 \\ 13 \ 7 \ 20 \\ 13 \ 7 \ 20 \\ 13 \ 7 \ 20 \\ 13 \ 7 \ 20 \\ 13 \ 7 \ 20 \\ 13 \ 8 \ 30 \\ 13 \ 4 \ 22 \\ 13 \ 4 \ 22 \ 14 \\ 13 \ 4 \ 22 \ 15 \\ 13 \ 4 \ 22 \ 12 \\ 13 \ 4 \ 22 \ 12 \\ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 4 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 4 \ 13 \ 4 \ 22 \ 10 \ 13 \ 4 \ 22 \ 10 \ 4 \ 13 \ 4 \ 22 \ 10 \ 4 \ 4 \ 13 \ 4 \ 22 \ 10 \ 4 \ 4 \ 4 \ 4 \ 4 \ 4 \ 4 \ 4 \ 4 \ $ |
| C D E F G G - H - I J - | SHEPHERD KENNETH MICHAEL TAYLOR DAVID R ET UX LIBERTY JOHN ET UX MCCOMBS JOHN A SR, THOMAS E & BETH MCCOMBS JOHN A SR, THOMAS E & BETH REINBLAU SHELLY A & DAVID W BOWMAN MICHAEL ET UX UOWMAN MICHAEL ET UX UOWMAN MICHAEL I J & CONSTANCE G ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTELLECSKY JOSEPH J IR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GRISELL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C | $\begin{array}{r} 13-8\cdot7.1\\ 13\cdot8\cdot9\\ 13\cdot8\cdot10\\ 13\cdot8\cdot10\\ 13\cdot8\cdot11\\ 13\cdot8\cdot26\\ 13\cdot8\cdot27\\ 13\cdot8\cdot27\\ 13\cdot8\cdot28\\ 13\cdot7\cdot21\\ 13\cdot7\cdot20\\ 13\cdot7\cdot$ |
| D E E F F G G H I I I I K L I M N O O P Q Q R S T U U V W W X X Y Z Z A22 B22 C22 | TAYLOR DAVIO R ET UX LIBERTY JOHN ET UX MCCOMBS JOHN A SR, THOMAS E & BETH MCCOMBS JOHN A SR, THOMAS E & BETH MCCOMBS JOHN A SR, THOMAS E & BETH REINBEAU SHELLY A & DAVID W BOWMAN MICHAELLY A & DAVID W BOWMAN MICHAELL J & CONSTANCE G ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLICSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA MALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GRISELL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBERT & CINDY | $\begin{array}{c} 13 & 8 & 9 \\ \hline 13 \cdot 8 \cdot 10 \\ \hline 13 \cdot 8 \cdot 10 \\ \hline 13 \cdot 8 \cdot 11 \\ \hline 13 \cdot 8 \cdot 26 \\ \hline 13 \cdot 8 \cdot 27 \\ \hline 13 \cdot 8 \cdot 28 \\ \hline 13 \cdot 6 \cdot 21 \\ \hline 13 \cdot 7 \cdot 20 \\ \hline 13 \cdot 4 \cdot 20 \\ \hline 13 \cdot 20 \\ \hline $ |
| Е F G H I J K L M N O P Q Q R S T U V W X Y Z A2 B2 C2 | LIBERTY JOHN ET UX MCCOMBS JOHN A SR, THOMAS E & BETH MCCOMBS JOHN A SR, THOMAS E & BETH RLINBLAU SHLLLY A & DAVID W BOWMAN MICHAEL ET UX UOWMAN MICHAEL I & CONSTANCE G ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLICSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WLST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GRISELL ELIDOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WIEDEBUSCH ROBLRT & CINDY | $\begin{array}{c} 13 \cdot 8 \cdot 10 \\ 13 \cdot 8 \cdot 11 \\ 13 \cdot 8 \cdot 26 \\ 13 \cdot 8 \cdot 27 \\ 13 \cdot 8 \cdot 28 \\ 13 \cdot 7 \cdot 21 \\ 13 \cdot 7 \cdot 20 \\ 13 \cdot 7 \cdot 20 \\ 13 \cdot 7 \cdot 18 \\ 13 \cdot 8 \cdot 30 \\ 13 \cdot 8 \cdot 30 \\ 13 \cdot 8 \cdot 30 \\ 13 \cdot 8 \cdot 31 \\ 13 \cdot 4 \cdot 22 \cdot 18 \\ 13 \cdot 4 \cdot 21 + 18 \\ 13 \cdot$ |
| F G H I J K L M N O P Q Q R S T U V V W X Y Z A2 B2 C2 | MCCOMBS JOHN A SR, THOMAS E & BETH MCCOMBS JOHN A SR, THOMAS E & BETH REINBEAU SHELLY A & DAVID W BOWMAN MICHAELET UX BOWMAN MICHAELET UX ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTELLESKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GRISELL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WIEDEBUSCH ROBERT & CINDY | $\begin{array}{c} 13-8-11\\ 13-8-26\\ 13-8-26\\ 13-8-28\\ 13-7-21\\ 13-7-21\\ 13-7-21\\ 13-7-18\\ 13-7-$ |
| G H I J J K K L L M M N O P P Q Q R R S S T T U U V W X X Y Y Z A 2 B 2 C 2 C 2 | MCCOMUS JOHN A SR, IHOMAS L & BEIH RLINBLAU SHELLY A & DAVID W BOWMAN MICHAEL ET UX UOWMAN MICHAEL ET UX UOWMAN MICHAEL I & CONSTANCE G ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLECSKY JOSLEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P VIVEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GRISELL ELIDOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13-8-26 13-8-27 13-8-28 13-7-21 13-7-20 13-7-18 13-7-28 13-7-28 13-4-22,15 13-4-22,18 13-4-22,28 13-4-22,28 13-4-22,28 13-4-22,28 13-4-22,28 13-4-22,18 13-4-22,28 13-4-22,48 13-4-22,48 13-4-22,48 13-4-22,48 13-4-22,48 13-4-22,48 14- |
| H I J J K L L M M N O P P Q R R S T T U U V W X X Y Y Z Z A 2 B 2 C 2 U | RLINBLAU SHELLY A & DAVID W BOWMAN MICHAEL ET UX BOWMAN MICHAEL J & CONSTANCL G ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WIST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GRISELL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13.8-2/ 13.8-28 13.7-21 13.7 20 13.7 18.1 13.7-18 13.7 19 13.8-30 13.8-31 13.8-31.1 13.4-23.6 13.4-22.14 13.4-22.15 13.4-22.15 13.4-22.18 13.4-22.18 13.4-22.18 13.4-22.16 13.4-22.8 |
| I J J K L M M N O P P Q R S T U V V W X Y Z A2 B2 C2 | BOWMAN MICHAELET UX BOWMAN MICHAELJ & CONSTANCE G ALEXANDER LOBRAINE TOD ALEXANDER LOBRAINE TOD ALEXANDER LOBRAINE TOD ALEXANDER LOBRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTELECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & OALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA GAMES MARY V GAMES MARY V GAMES MARY V GRISELL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRAN W MCGUIRE PHILIP C | $\begin{array}{c} 13-8-28\\ 13-7-21\\ 13-7-20\\ 13-7-18\\ 13-7-18\\ 13-7-18\\ 13-7-18\\ 13-7-18\\ 13-7-18\\ 13-7-18\\ 13-7-18\\ 13-8-31\\ 13-8-31\\ 13-8-31\\ 13-8-31.1\\ 13-8-31.1\\ 13-8-31.1\\ 13-8-31.1\\ 13-4-22.6\\ 13-4-22.18\\ 13-4-22.18\\ 13-4-22.16\\ 13-4-22.16\\ 13-4-22.8\end{array}$ |
| J | UOWMAN MICHALL J & CONSTANCL G ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TA | $\begin{array}{c} 13.7.21\\ 13.7.20\\ 13.7.18\\ 13.7.18\\ 13.7.18\\ 13.7.18\\ 13.7.18\\ 13.7.18\\ 13.8.30\\ 13.8.31\\ 13.8.31\\ 13.8.31\\ 13.8.31\\ 13.4.23.6\\ 13.4.22\\ 13.4.22.15\\ 13.4.22.11\\ 13.4.22.21\\ 13.4.22.19\\ 13.4.22.18\\ 13.4.22.16\\ 13.4.22.16\\ 13.4.22.8\end{array}$ |
| K L M N O P Q R S T U V W X Y Z A2 B2 C2 C2 | ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD ALEXANDER LORRAINE TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTELECSKY JOSEPH J JR & CAROU'N - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA GRISEL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | $\begin{array}{c} 13 7 20 \\ \hline 13 7 18.1 \\ \hline 13 7 18.1 \\ \hline 13 7 18.1 \\ \hline 13 7 19 \\ \hline 13 8 30 \\ \hline 13 8 30 \\ \hline 13 8 31 \\ \hline 13 8 3.1 \\ \hline 13 4 3.1 \\ \hline 13 4 22.1 \\ \hline 13 4 22.14 \\ \hline 13 4 22.15 \\ \hline 13 4 22.15 \\ \hline 13 4 22.2 \\ \hline 13 4 22.15 \\ \hline 13 4 22.2 \\$ |
| L M M N O P Q Q K S S T U V V W X Y Y Z A2 B2 C2 | ALEXANDER LORRAINE TOD ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA COMMENTION EARL RICHARD JR & BRANDICE C GAMES MARY V GRISELL ELIDOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13 7 18.1 13-7-18 13 / 19 13-8-30 13-8-31 13-8-31.1 13-4-23.6 13-4-22.6 13-4-22.15 13-4-22.15 13-4-22.23 13-4-22.21 13-4-22.21 13-4-22.18 13-4-22.16 13-4-22.8 |
| M N N 0 P P Q R S 5 T U V V W X Y Y Z A2 B2 C2 | ALEXANDER LORRAINE - TOD SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTELLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WLST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELIDOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | $\begin{array}{c} 13.7.18\\ 13.7.18\\ 13.7.19\\ 13.8.30\\ 13.8.31\\ 13.8.31.1\\ 13.3.3.1\\ 13.3.3.1\\ 13.4.23.6\\ 13.4.22.6\\ 13.4.22.14\\ 13.4.22.15\\ 13.4.22.15\\ 13.4.22.23\\ 13.4.22.23\\ 13.4.22.18\\ 13.4.22.18\\ 13.4.22.16\\ 13.4.22.8\end{array}$ |
| N O P Q R S T U V W X Y Z A2 B2 C2 | SAMPSON EDITH VIRGINIA EST NARRISH KEVIN SOUTH CHRISTOPHER C KOSTILLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WLST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GAMES MARY V GRISELL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBERT & CINDY | 13 / 19 13.8.30 13.8.31 13.8.31.1 13.3.3.1 13.4.23.6 13.4.22.13 13.4.22.14 13.4.22.15 13.4.22.13 13.4.22.19 13.4.22.18 13.4.22.18 13.4.22.16 13.4.22.8 |
| 0 P Q Q R S T U V V W X Y Z A2 B2 C2 | NARRISH KEVIN SOUTH CHRISTOPHER C KOSTELLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA BRINKMETER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELIDTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRAN W MCGUIRE PHILIP C WILDEBUSCH ROBERT & CINDY | 13.8.30 13.8.31 13.8.31.1 13.3.3.1 13.4.23.6 13.4.22.13 13.4.22.14 13.4.22.15 13.4.22.21 13.4.22.23 13.4.22.21 13.4.22.21 13.4.22.20 13.4.22.18 13.4.22.16 13.4.22.8 |
| P Q R S T U V W X Y Z B2 C2 | SOUTH CHRISTOPHER C KOSTELECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBERT & CINDY | 13.8.31 13.8.31.1 13.3.3.1 13.4.23.6 13.4.22.1 13.4.22.14 13.4.22.15 13.4.22.21 13.4.22.23 13.4.22.29 13.4.22.19 13.4.22.18 13.4.22.16 13.4.22.16 |
| Q R S T U V W X Y Z A2 B2 C2 | KOSILLECSKY JOSEPH J JR & CAROLYN - TOD OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBERT & CINDY | 13-8-31.1 13-3-3.1 13-4-23.6 13-4-22.1 13-4-22.14 13-4-22.15 13-4-22.21 13-4-22.21 13-4-22.18 13-4-22.16 13-4-22.8 |
| R S T U V W X Y Z A2 B2 C2 | OHIO COUNTY COAL RESOURCES INC WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13-3-3.1 13-4-23.6 13-4-22.6 13-4-22.14 13-4-22.15 13-4-22.21 13-4-22.21 13-4-22.18 13-4-22.16 13-4-22.8 |
| S T U V W X Y Z A2 B2 C2 | WARD CYNTHIA J & DALE P WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELI ELIJOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13-4-23.6 13 4 22 13 4 22.14 13-4-22.15 13-4-22.21 13-4-22.23 13-4 22.19 13-4-22.18 13-4-22.16 13-4-22.8 |
| T U V W X Y Z A2 B2 C2 | WEST RICHARD DWAYNE JR ET AL BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELIDOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13 4 22 13 4 22.14 13-4-22.15 13-4-22.21 13-4-22.23 13-4 22.19 13-4-22.18 13-4-22.16 13-4-22.8 |
| U V W X Y Z A2 B2 C2 | BRINKMEIER BRUCE & TAMARA BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELIDOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13 4 22.14 13-4-22.15 13-4-22.21 13-4-22.23 13-4 22.19 13-4-22.18 13-4-22.16 13-4-22.8 |
| V W X Y Z A2 B2 C2 | BRINKMEIER BRUCE & TAMARA WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELIDIT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBERT & CINDY | 13-4-22.15 13-4-22.21 13-4-22.23 13-4 22.19 13-4-22.18 13-4-22.16 13-4-22.8 |
| W X Y Z A2 B2 C2 | WALTON EARL RICHARD JR & BRANDICE C WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBERT & CINDY | 13-4-22.21 13-4-22.23 13-4-22.19 13-4-22.18 13-4-22.16 13-4-22.8 |
| X Y Z A2 B2 C2 | WALTON EARL RICHARD JR & BRANDICE C GAMES MARY V GAMES MARY V GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBERT & CINDY | 13-4-22.23 13-4-22.19 13-4-22.18 13-4-22.16 13-4-22.8 |
| Y Z A2 B2 C2 | GAMES MARY V GAMES MARY V GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13-4-22.19 13-4-22.18 13-4-22.16 13-4-22.8 |
| Y Z A2 B2 C2 | GAMES MARY V GAMES MARY V GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13-4-22.18 13-4-22.16 13-4-22.8 |
| A2 B2 C2 | GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13-4-22.16 13-4-22.8 |
| A2 B2 C2 | GRISELL ELLIOTT G & LORRI ANN HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | 13-4-22.8 |
| B2 C2 | HILL CAROL LYNN & FORDYCE BRIAN W MCGUIRE PHILIP C WILDEBUSCH ROBLRT & CINDY | |
| C2 | MCGUIRE PHILIP C WIEDEBUSCH ROBERT & CINDY | |
| | WILDLBUSCH ROBLRT & CINDY | 13-4-21.4 |
| 102 | | 13-2-93.1 |
| 12 | WIEDEBUSCH ROBERT & CINDY | 13-2-91 |
| | GAUGHAN MICHAEL WM | 13 2 90.1 |
| F2 G2 | GAUGHAN MICHAEL WET UX | 13-2-90 |
| | ABEL JAMES R & SHERI L | 13 2 89 |
| H2 | FAZIO NATHAN H & KIRBY M | 13-2-87 |
| 12 | | 13-2-29.2 |
| 12 | WROBEL MICHAEL A | 13 2 29.3 |
| K2 | MCCOMBS JERRI L | 13-2-85 |
| 12 | GARVIN JOHN ARTHUR | 13-2-83.1 |
| M2 | STOLING JOHN ROBERT LT UX | |
| N2 | INGRAM ROBERT H III & LISA A | 13-2-29.1 |
| 02 | INGRAM ROBERT HIII & LISA A | 13 2 29.4 |
| P2 | DOUGHERTY MICHAELC | 13 2 30.8 |
| Q2 | LONG RICHARD L LT UX | 13-2-32 |
| R2 | LONG RICHARD E ET UX | 13 2 33 |
| S2 | LONG RICHARD E ET UX | 13-2-37 |
| T2 | LAUTER FRANK ET AL | 13-2-36 |
| U2 | SLIDULR L DALL JR | 13-2 14.9 |
| V2 | SEIDLER PATRICIA LIRREVOCABLE TRUST | 13-2-14.7 |
| W2 | BRAUNUCH EARL F & JAMIE | 13-2-102.3 |
| X2 | RAHBAR AHMAD CREDIT SHELTER TRUST | 13 2 102 |
| Y2 | ANDREWS JANET M TRUSTEE | 1 RB2 32 |
| 12 | POTIS JOHN W & ROSL A | 1-802-31.13 |
| EA | POTISJOHN W & R A | 1-R82-31.1 |
| 83 | SPENCER PHILIP | 1 RB2 31.5 |
| C2 | MORGAN LEE ANN | 1 R62 31.12 |
| D3 | BARBOUR HOLLY W | 1-RB2-31.10 |
| E3 | KOVAL MATTHEW F | 1-RB2-31.11 |
| F3. | HIGGINS WILLIAM J | 1-RB2M-52. |
| G3 | HIGGINS WILLIAM J | 1-RB2M-52 |
| H3 | GAN I ZER MICHAEL J & D M | 1-882M-45 |
| 13. | WHELLING AN ILNNA CO INC; C/O COMCAST CORPORATION | 1-RB2M-46 |
| 13 | GANTZER MICHAELJ & DEBRA M | 1 RB2M 44 |
| КЗ | DUDEK CHRISTOPHER T & GRISOLANO MEGAN E | 1-RB2M-55 |
| 13 | DUDEK CHRISTOPHER T & GRISOLANO MEGAN E | 1 RB2M 43 |
| M3 | KURKO BRIAN S | 1 RB2M 42 |
| N3 | BRANNAN MARK & DONNA K | 1-RB2M-40 |
| 03 | HAHLL LLLANOR I (LL); GUY ROBERI D; GUY CHERYL H | 1-R82M-31. |
| P3 | STRAUB JOSEPH H EST; MARGARET STRAUB | 1-RB2 31 |
| | CONRAD JOSEPH H EST; WARGARET STRAUG | 1-RB2-27. |
| Q3 | | 1-HB2-24 |
| R3 | CONRAD JOSHUA D & TRISHA J | |
| 53 | DLESK RICHARD J SR | 1 RB2 24. |
| T3 | DLESK RICHARD J SR | 1 RB2 24. |
| U3 | CONRAD JOSHUA D & TRISHA J | 1-RB2-34. |
| V3 | DLESK ROSALIE J | 1 RB2 34. |
| W3 | DLESK ROSALIE J | 1 RB2 34. |
| X3 | APEX SELF-STORAGE LLC | 1-RB2-21. |
| ¥3 | APLX SLLF-STORAGE LLC CRAIN VICTORIA P | 1 HB2-21 1 RB2 22 |

06/20/2025

| REVISIONS: 47-051-02557 | COMPANY: | e | pand | |
|-------------------------|-----------------------|----------------------------|--------------|---|
| | OPERATOR'S WELL #: | DAVID REINBEAU MSH 405H | | DATE: 03-26-2025 DRAWN BY: N. MANO |
| | DISTRICT: UNION | COUNTY: MARSHALL | STATE: WV | SCALE: N/A DRAWING NO: WELL LOCATION PLAT |

THE REPORT OF THE STATE OF THE

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

| PACT | ADJOINING OWNERS TABLE | TAX BARET |
|------|--|--------------------------|
| A4 | SURFACE OWNER | 1-RB2-21.1 |
| B4 | VALLEY MOTORCYCLE PROPERTIES LLC DLESK RICHARD J SR | 1-RB2-21.1 1-RB2-17.3 |
| C4 | VILLAGE OF BETHLEHEM | 1-RB2-17.3 |
| D4 | PODOLIA DON M & S T | 1 882 17 |
| E4 | POMPEO MICHAELJ & EUZABETH A | 1 RB2D 28 |
| F4 | DAVIS CHAD & JAMI | 1-RB2D-30.1 |
| G4 | DAVIS CHAD & JAMI | 1-RB2D-31.1 |
| H4 | WHEELING PROPERTIES CO | 1 KB2J 1 |
| 14 | DAVIS CHAD & JAMI | 1 RB2D 32.1 |
| 14 | JOSEPH VICKIE J | 1-RB2D-33 |
| KA | JOSEPH VICKIE J | 1-8020 35 |
| 14 | PODOUA SAUNDRAJEAN | 1-R82D-32 |
| M4 | MCCARTY BETTY JANE | 1-R82D-31 |
| N4 | ABRIGGJOHN C | 1-RB2D-30 |
| 04 | CAMILLETTI STEPHEN E & LISA A | 1 R82D 29 |
| P4 | ROBERTS JEFFREY E | 1 RB2D 14 |
| | TARR CAROL LOUISE - TOD | 1-R82D-13 |
| Q4 | | 1-8820-12 |
| RA | SENGEWALI GARY E | |
| 54 | SAUS JAMES M & DONNA J | 1 8820 11 |
| T4 | WARMUTH DEBRA ANN | 1-RB2D-10 |
| U4 | MOORE PAUL R & CHRISTINE A | 1-RB2D-9 |
| V4 | | 1-RB2D-8 |
| W4 | KOERNER SHARON F | 1-RB2D-7 |
| X4 | HELLER NICOLE R | 1-RB2D-6 |
| ¥4 | ODONNELL STEPHANIE | 1-RB2D-5 |
| 4 | GRAMUCH MICHALL P | 1-HB2D-4 |
| A5 | TEMPUN JOSEPH F; RICH CHARLENE A | 1-RB2C-122.1 |
| B5 | CAMPBELL LESLEY R | 1-RB2C-122.3 |
| C5 | SEIDLER DALE | 1-RB2C-122.2 |
| 05 | PYLLS PHYLLIS L | 1-8620-2.1 |
| E5 | BYRUM R CURTIS & CHRISTIN S | 1 RB2D 2.2 |
| F5 | BYRUM R CURTIS & CHRISTIN S | 1-RB2D-2 |
| G5 | BYRUM R CURTIS & CHRISTIN S | 1-RB2D-2.3 |
| H5 | STRAFACE JOSEPH JR | 1 RB2C 110 |
| 15 | NIESS BONNIE KERR | 1 RB2C 111 |
| J5 | BERLETCH COLETON L | 1-RB2C-112 |
| K5 | BLLIFUS LLO | 1-RB2C-109 |
| 15 | BLUFUS LEO A JR | 1-RB2C-108.1 |
| M5 | SULEK DONALD L & L | 1-RB2C-107 |
| N5 | KLOSS ROBERT A & DONNA J | 1-RB2C-101 |
| 05 | CUCHTA BEAU | 1-RB2C-100 |
| P5 | TAYLOR JOSEPH WILLIAM | 1 RB2C 95 |
| QS | BOARD OF EDUCATION | 1-RB2C-94 |
| R5 | BETHLEHEM UNITED PRESBYTERIAN CHURCH TRUSTEES | 1-RB2C-36 |
| 55 | PRESBYTERY OF WHEELING (SYNOD OF WV) | 1 RB1Q 36 |
| T5 | SCHEHL MICHAELA & CHRISTINA L | 1 RB1Q 39 |
| U5 | DILRINGLE OLIVE JANL | 1-RB1-1/ |
| V5 | DILRINGLR SCOTS. | 1-RB1Q-10/.1 |
| W5 | SASEEN MARK 5 & ALUSON M | 1-RB1-18.1 |
| X5 | WHITE JONATHAN W & HEATHER | 1-RB1-18 |
| YS | WEESE JEFFREY | 1-RB1Q-125 |
| 15 | LNNIS DALL H & GLADYS L | 1-RB1Q-116 |
| A6 | RAPP DAVID A & TAMMY L | 1-RB1Q-12/ |
| B6 | BRUNNER MICHAEL D & ROBIN ANN | 1 RB1Q 117 |
| CG | BELL SETH W & JENNIFER | 1-RB1Q-113.1 |
| DG | BELL SETH W & JENNIFER | 1-RB1Q-113 |
| L6 | RYKACEWSKI PATRICIA L | 1-RB1Q-115 |
| F6 | ONEIL BRYAN W & NORMA J | 1 RB1Q 112.1 |
| G6 | VIDIS MANUELA; VIDIS ANNETTE | 1-RB1Q-112. |
| HG | COULUNG GRANT CLARK & ROBERTA PAMELA | 1-RB1Q-112. |
| 16 | RAHBAR MAHMOOD & V G | 1 RB1Q 112 |
| J6 | TOMER JEFFREY A | 1 RB1Q 111 |
| KG | LAMU GIBSON C & CAROLYN G | 1-RB1Q-110 |
| 1.6 | KRALL JESSL K | 1-RB1Q-109 |
| M6 | SMITH WAYNER & CAROLYN L | 1 R81Q 108 |
| N6 | RICCI MICHAELC & ANNE G | 1 RB1Q 119 |
| 06 | VISNIC BENJAMIN P | 1 RB1Q 126 |
| P6 | BANDI MARY DEE | 1 RB1Q 107 |
| 06 | PRASCIK MICHAELJ | 1 RB1Q 122 |
| R6 | PRASCIK MICHAEL J | 1-RB1Q-105 |
| 56 | WLISNER ROBERT A JR; WALKER CAROLYN (RTO) | 1-R81Q-104. |
| T6 | VILLAGE OF BETHLEHEM | 1-RB1-13 |
| U6 | VILLAGE OF BETHLEHEM | 1-R81-16.1 |
| V6 | VILLAGE OF BUTHLEHEM | 1-RB1-15 |
| W/6 | MIRAMAR CORP | 10-W52-18 |
| X6 | MIRAMAR CORPORATION | 1 RB1F 2.2 |
| Y6 | BACHMANN MARK E | 1 RB1F 2 |
| Z6 | ARMSTRONG RICHARD L | 10 W61-64 |
| A/ | KANNGILSSER LOGEN & KANNGIESSER CHRISTINE CLUTTER | 10-W53-18. |
| | CITY OF WHELLING | 10-W53-105 |

*Highlightest Parsels may be impacted curring driftes.

| | ADJOINING OWNERS TABLE | |
|------------|---|----------------------------|
| RACT | SURFACE OWNER | TAX PARCEL |
| C/ | UNITED STATES OF AMERICA | 10-W53-110 |
| 07 | DAVIS JAMES A JR 5/5 2010 | 10-W61-61.1 10-W61-60.1 |
| | BICKMEYER JUDY ANN | 10-W61-60.1 |
| -/ | BICKMLYLR JUDY ANN | 10 W61 58 |
| G7 H7 | KOVALSKI JAMES S | 10-W61-57 |
| | WILLIAMS JOHN R & CHRISTY L | 10-W61-57 |
| 1/ | KRALOVIC MICHALL DRAHOS DAVID M & SHARI L | 10-W61-55 |
| K/ | KRALOVIC YOUNG S | 10-W61-53 |
| LI | KUHAYDA ANNA MAE | 10-W61-53 |
| MI7 | SCHEETZ SARAH | 10-W61-53 |
| N7 | HERRON RYAN P | 10 W61-51 |
| 01 | LOHR ROY D; PHILIPS GLORGIANNA | 10-W61-50 |
| P7 | HINEBAUGH EDWARD E (LC SLR); MONOCEROS PROP LLC (LC BYRS) | 10 W/51 49 |
| Q7 | VANTE ODAYLAH | 10 W61 12 |
| R/ | KULPA MARGA R | 10-W61-4/ |
| S/ | IHOMAS GLOFFRLY LLL | 10-1/61-45 |
| 17 | THOMAS GEOFFREY LEE | 10 W61 44 |
| U7 | RICE LOIS J | 10-W61-43 |
| V7 | MFIG & CO LLC | 10 W61 42 |
| W7 | FALDUIO CUNI TYLLR | 10-W61-42.1 |
| X/ | FALDUID CUNI | 10-W61-41 |
| Y7. | OLIVER SALLY ANN; COLLINS GARY L | 10-W61-41.1 |
| 21 | RUBLE METHODIST CHURCH TRUSTLE; C/O MCKEE GEORGIA | 10-W61 20 |
| AB | ZANE ST METHODIST CHORCH TRUSTLES | 10-W61-19 |
| BS | RCC PROPERTIES LLC | 10-W61-14 |
| C8 | BISHOP DAVID H & B E | 10-W61-15 |
| D8 | HESS MARY ANN | 10 W61-15 |
| E8 | MEEKS MICHELE M | 10-W53-206 |
| 18 | SARNO DIANNE | 10-W53-205 |
| G8 | DATTOLI R & B L | 10-W53-203 |
| HB | DODD MARK & CHARLES | 10 W53 203 |
| 18 | CONKELGARY 5 & MB | 10-W53-202 |
| JB | S& B PROPLETY MANAGEMENT LLC | 10-W53-201 |
| K8 | BANE KATHRYN LC/O BANE LAWRENCE | 10 W53 127 |
| LB | TAYLOR BARBARA K & GLENN H | 10-W53-141 |
| MB | SMITH MARY LOU | 10-W53-125 |
| N8 | LNGLLHART JOSLPH F & MARGO M | 10-W/53-142 |
| 08 | CRUPE CAROL J - 10D | 10-W53-19/.1 |
| 198 | RICH HOLDINGS LLC | 10-W53-196 |
| Q8 | RICH HOLDINGS LLC | 10 W53 196.1 |
| RB | GMF LIMITED LIABILITY COMPANY | 10-W53-215 |
| 58 | MOUNTAIN STATE INVESTMENT PROPERTIES LLC | 10-W53- |
| 54 | | 214.0001 |
| 78 | LESCALET D A & ROSEMARY(L/E) & SHARPSKY SHERRY JO | 10 W53 213 |
| US | NAGL MICHALL C | 10-10-10-1225 |
| V8 | PLIKOSAPARIMENTUC | 10-W/53-226 |
| W/B | PILKINTON CHARLES W & EUSA | 10 W/53 227 |
| XB | TORRES JOSE A JR | 10-W53-228 |
| YB | PEACE ANTHONY P & J A | 10 W61 23 |
| 28 | DATTOU JOSEPH & BK | 10 W61 22 |
| A9 | RCC PROPERTIES LLC | 10 W61 22.1 |
| 89 | ELLIOTT PATRICIA | 10-W61-26 |
| Cg | WHITEHOUSE WALTER & LA | 10 W61-3/ |
| 09 | KRILGLE CHRISTINE LYNN | 10 W61-35 |
| E9 | COE REBECCA LYNN ET AL | 10-W61-34 |
| F9 | CONAWAY CHRISTY LYNN & REMINGTON CONAWAY | 10-W61-33 |
| G9 | MONOCEROS PROPERTIES LLC | 10-W61-32 |
| H9 | CKI RENTALS LLC | 10-W62-3 |
| 19 | CIU RENTALS LLC | 10-W62-4 |
| 19 | WAYT H DOUGLAS & SUSANNA A | 10 W62 5 |
| K9 | TRABERT MICHAEL JOSEPH ET AL | 10 W62-10 |
| 19 | DIOCESAN REAL ESTATE INC | 10-W54-86 |
| M9 | REM WEST VIRGINIA INC | 10 W62-55 |
| N9 | SEACHRIST CRAIG K | 1-RB1-24 |
| 09 | EARLEY JEFFREY & P E | 1-RB1-23 |
| P9 | WAYI H DOUGLAS & SUSANNA A | 1 RB1 22 |
| Q9 | GAN12LR THOMAS CHRISTIAN; GAN12LR T C JR & V S (OCC) | 1-831-28 |
| K9 | SEAKEN MANAGEMENT LLC | 1-RB1-27 |
| 59 | STARKEY CHAZ | 1-RB1-27.4 |
| 19 | HARLEY ERIKA L | 1-RB1-27.3 |
| 19 | SLACHRIST CRAIGK | 1-RB1-2/.2 |
| V9 | SLACHRIST CRAIG K | 1-RB1-2/.1 |
| W9 | SEACHRIST CRAIG K | 1 RB1 26 |
| X9 | BEALL PAULE TRUSTEE; BEALL FAMILY IRREV TRUST | 1.RB1-25 |
| 19 | DIOCESAN REAL ESTATE INC | 10-W68A-4 |
| 29 | DIMMEYDALE COMMUNITY ASSOC INC | 10-W62-53 |
| A10 | GREENWOOD CEMETERY | 10-W62-53 |
| | DIOCESAN REAL ESTATE INC | 10-W62-52 |
| B10 C10 | | 10-W68A-3. |
| 1.10 | DIOCESAN REALESTATE INC | TO. AADDM. 2' |

| REVISIONS: 47-651-02557 | COMPANY: | e | pand | |
|-------------------------|-----------------------|----------------------------|--------------|---|
| | OPERATOR'S WELL #: | DAVID REINBEAU MSH 405H | | DATE: 03-26-2025 DRAWN BY: N. MANO |
| | DISTRICT: UNION | COUNTY: MARSHALL | STATE: WV | SCALE: N/A DRAWING NO: WELL LOCATION PLAT |

CANAL BACKUPS (1-02-25 SALENAMO ADAVID REMBEAU MSH WELL PLATS (4054/TIMAL REMBEAU 4054 MSH 03-26-25) REINBEAU 4054 MSH WELL PLAT 5-26-2510

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

| ACT 10 10 510 110 110 110 | SURFACE OWNER | The second se | | | | |
|---|--|---|------------|--------------------|---|---|
| 10 510 110 | CITY OF WHEELING | TAX PARCEL | TRACT | | SURFACE OWNER | TAX PARCEL |
| 510 410 110 | | 10-W80-1.3 | G13 | | LEK DONALD W & CHRISTY L EVY RICHARD B & JENNIFER L | 10-W/95-216 10-W/95-215 |
| 10 | CITY OF WHEELING | 10-W80-1.1 1-R81-20 | H13 | DUNL | EVY RICHARD B & JENNIFER L WILSON CHERYL B | 10-W95-215 |
| 10 | TAYLOR JOSEPH WILLIAM | 10 W80 1.4 | 113 | | WILSON CHERYLB | 10-W95-221 |
| | WILSON B E & S K SWIGER JUSTIN A & STEPHANIE M | 1 RB3 14 | K13 | | BONACCI BRIAN F | 10-W95-213 |
| | MORRIS JAY R & TINA M | 1-RB3-13 | L13 | DIET | RICH THOMAS V & JUDITH L | 10-W95-212 |
| 10 | RAMSEY BRYAN S & MICHELE A | 1-883-/ | M13 | | RYAN CJINC | 10-W95-211 |
| | BAYHA DEBORAH S | 1 RB3 6 | N13 | OL | HNSON DANIEL J & JAMIE L | 10-W95-210 |
| 10 | RAMOS SCOTT B & RAMOS AMY D | 1 RB3 5 | 013 | | MALL LAND HOLDINGS CO | 10-W95-210.1 |
| 10 | BAKER MARK J & DAYNA M | 1-RB3-4.1 | P13 | | DEI TODD D & STACIE L | 10-W95-209 |
| 10 | WARMAN JAMES J & CARRIE REDD | 1-RB3-4 | Q13 | MU | SSER NATHAN M & AMBER L | 10-W96-31 |
| 10 | WARMAN JAMES J & CARRIE REDD | 1-RB3-3 | R13 | C | ARDINAL HEALTH 110 LLC | 10-W95-39.1 |
| 10 | CORNELL CHARLES D & LINDA J | 1-RB2J-152 | 513 | PE | KUNSKY CAROLENE B - TOD | 10-W95-42 |
| 10 | POLSINELLI FRANK & POLSINELLI KIMBERLY A - TOD | 1-RB21-151 | T13 | | CHAD EDWARD & AMBER LYNN | 10-W95-112.1 |
| 10 | BREIDING DORENE | 1 RB2J 149 | U13 | | ELER CHARLES D & DENISE M | 10-W95-112.4 |
| 10 | CHAMBERLAIN DONALD | 1 RB2 20.4 | V13 | | RONI CONSTRUCTION INC | 10-W95-111.1 |
| 10 | TENNANT DORIS JEAN - TOD | 1-RB2J-134 | W13 | | RONI CONSTRUCTION INC | 10-W95-111 |
| 10 | SITKO PAULM JR & EDWINA | 1-RB2J-133 | X13 | | ERONI LOUIS D & ELLEE M | 10-W95-112.3 |
| 10 | KOWALSKI CHESTER J TAMA A | 1 RB2J 132 | Y13 | | RONI CONSTRUCTION INC | 10-W96-39.2 |
| 10 | SEALS CARLY R & ANDREW J SR | 1-RB2J-131 | Z13 | | DICIK STEPHEN E III & CRISTI | 10-W96-41 |
| 10 | BAUERLE RALPH & VICKI L | 1-RB2J-20.8 | A14 | | RECHT RICHARD M & SUSAN L | 10-W95-112.7 |
| 10 | GHAPHERY BRIAN A; GHAPHERY CHRISTINA W | 1-RB2J-20.5 | 814 | | RECHT RICHARD M & SUSAN L | 10-W95-112.8 |
| 11 | WHEELING PROPERTIES CO; ADDI | 1-882-18 | C14 | | PAKA PHILIP M& SHIRLEY B | 13-2CC-42 |
| 11 | SNYDER JOHN J III & CASSANDRA L STARKEY | 1 RB2J 20.6 | D14 | | RAS JOHN M REVOCABLE TR | 13-2CC-45 |
| 11 | MCCORD JAMES R | 1 RB2J 54 | E14 | | RAS JOHN M REVOCABLE TR | 13-200-44 |
| 11 | DORFMER PATRICIA A | 1-8821-10 | F14 | | HIPKEY ARCHIE W & RUTH A | 13-2CC-43 |
| 11 | POTTS ANNE MARIE | 1-RB2J-10.1 | G14 | | FAMILY TRUST; CHERYLL DOUGHERTY TRUS | 10-W95-112.6 |
| 11 | DOWNER CAROLYN JO & ROBERT | 1-RB2J-11 | H14 | | NAMAN ROBERT M & VICKI L SPIE DANIEL L & STEPHANIE H | 10-W95-112.0 |
| 11 | LAURI GREGORY J | 1-R62J-51 | 114 | | | 16-2CC-39 |
| 11 | WEIDMAN THERESE | 1-RB2J-50 | J14 | | WEBB DAVID & KATELYNN | 16-2CC-39 16-2CC-38 |
| 1 | OTTE SANDRA | 1 RB2J 49 | K14 | | BENNETT LISA | 16-2CC-38 16-2CC-37 |
| .1 | KOEHLJAY M | 1-8821-48 | 114 | | MEGALE WILLIAM B LAW CRYSTALA & IVAN T | 16-200-37 |
| 11 | ROTH JASON & TRACY | 1-RB2J-16 1 RB2J 17 | M14 N14 | - | GILSON MARIORIE J | 15-2CC-35 |
| 1 | GODDARD RONALD L & JEAN E | | 014 | - | NARRISH ROBERT A | 15-2CC-34 |
| 11 | ZUCCO ROD A | 1 RB2J 18 1-RB2J-19 | _ | | EVANS LUTHER & LYNN M | 16-2CC-33 |
| 11 | ARMSTRONG DANIELJ & SANORA L | 1-RB2J-20 | P14 Q14 | | ERONI CONSTRUCTION INC | 13-2-17 |
| 11 | HILLIARD SANDRA | 1-RB2J-20 | R14 | F | HOLDREN BARBARA | 13-2-18 |
| 11 | HEHR LOUIS F HORES JACQUELINE & DONALD J JR | 1-RB2J-22 | 514 | NORR | S BRANDON C & CARLIE LASUER | 13-2-21.1 |
| 11 | MATTUCCI MARK A JR | 1-RB2J-22 | T14 | HOM | GIBSON WILLIAM E | 13-2-28 |
| 11 | KUTROVAC JENNIFER A & GLORGE N | 1 RB2J 24 | U14 | | GIBSON WILLIAMA | 13-2-28.1 |
| | MECENTERPRISES INC | 10 W90A 1 | V14 | | KLUG PEGGY A - TOD | 13-2-27 |
| 11 | BOARD OF COMM OHIO CO | 10-W90-52 | W14 | | GIBSON WILLIAM E | 13-2-24 |
| 111 | TEAM SLEDD LLC | 10-W90-46 | ×14 | 1 | GARVIN JOHN A | 13-2-23 |
| /11 //11 | TEAM SLEDD LLC | 10 W90 47 | Y14 | | GIBSON DAVID T ET UX | 13-2-24.1 |
| (11 | CARROLL PATRICK J & JEAN A | 10 W94 1.1 | _ | | FOLMAR EDITH A TRUST | 13-3-1 |
| 11 | FARRELL SILPHEN V & CHRISTINE | 10-W95-150 | | | YANKO SARA & SCOTT | P-0 13-3-2 |
| 211 | LEFTWICH NEIL & MCFARLAND JUDY | 10-W95-15 | | | HUGHES SEAN B | 13-3-5.4 |
| 112 | RALBOVSKY VICKI L; NICHERSON BRIAN D | 10-W95-15 | _ | - | HUGHES HEIDI SCHENK | 13-3-5.2 |
| 312 | TROSCH JUDITH S | 10 W95 153 | | | URACO MARK A & MARY D | 12-1B-14 |
| C12 | DUKE MICHAELS | 10 W95 15 | | | MILLER LANCE H & SALLY J | 12-1B-15 |
| 012 | HUGHLS VICIORIA R | 10-W95-153 | _ | V | ILLANOVA WILLIAM & BETTY | 12-18-19 |
| 112 | REMIAS WILLIAM P JR & REMIAS MARY F - TOD | 10-W95-150 | G15 | V | ILLANOVA WILLIAM & BETTY | 12-18-20 |
| -12 | ROBINSON MACIE | 10 W/95 15 | 7 H15 | CAR | PENTER MELISSA A & RANDALL | 12-1B-21.3 |
| 512 | EBARB JANICE L | 10-W95-15 | 3 115 | 88 | INNINGTON LINDA LEA - TOD | 12-1B-21.4 |
| 112 | PALMER JAMES J & STACIE B | 10-W/95-15 |) J15 | | MARTIN BRIAN | 12-18-21 |
| 112 | SIEBER MICHAEL G & MARY C; C/O SIEBER MARY C | 10-W95-16 | K15 | | MCADAMS DUSTIN | 12-18-21.1 |
| 112 | TICICH JOSEPH B & JOHNSTON W L | 10 W/95 16 | L L15 | N | ICADAMS ROBERT E & JODY L | 12-1B-27.1 |
| (12 | GUERRIERO ROSEMARY E | 10-W95-16 | 2 M15 | M | AAS BRIAN J & AMY C - TRUST | 13-3-8 |
| 12 | LLL ROBIN M | 10-W95-16 | _ | CONSOLIDATION CO | AL COMPANY; MURRAY ENERGY C/O LAND | DEPT 13-3-7 |
| /112 | ICE CHARLES & ARLA D TOD | 10 W95 16 | | | HART JOHN J & RENEE A | 13-3-11 |
| 12 | SMITH BRANDON T | 10 W95 16 | B P15 | | ARCHEY HEATHER M | 13-3-12.12 |
| 012 | PLLUCHETTL PAUL M & MEGHAN L HORAN | 10-W95-19 | 4 Q15 | | ARCHEY OUVIA V | 13-3-12.1 |
| 212 | TRUAX LLE D & CLUNE TARA S | 10-W95-109 | .1 R15 | BL | ACK KENNETH WILLIAM - TOD | 13-3-12.9 |
| 212 | ZAMBITO ALFONSO J | 10 W95 109 | | | BLACK BONNIEJ TRUST | 13-3-12 |
| R12 5 | SMITH DAVID & DIANE IRR TRST; SMITH DAVID L & DIAN | | | BE | NSON WILLIAM A & COLLEEN V | 13-8-33 |
| \$12 | C J RYAN INC | 10 W95 109 | | | BLACK BONNIE J TRUST | 13-8-2 |
| 112 | MATYSKIELA ERIC & KRISTINA | 10 W95 109 | | | | |
| U12 | NONAME | 10 W95 109 | | | | |
| V12 | SALEM THOMAS & PAULINE | 10-W95-109 | | | | |
| W12 | NONAML | 10-W95-109 | | | | |
| X12 | GALARDI DIANE T | 10-W95-10 | | | | |
| Y12 | CONTRAGUERRO R C & J A | 10-W95-109 | | | | |
| 212 | CONTRAGUERRO ROBERT C SR; JODY A | 10-W95-109 | | | | |
| A13 | WHARTON PETER R ET AL | 10-W95-109 | | | | |
| B13 | GUMP RENTALS LLC | 10-W95-22 | | | | |
| C13 | GUMP RENTALS LLC | 10-W95-2 | | | | |
| D13 | BUTTS RONALD M & TINA M | 10-W95-21 | | | | |
| L13 | BUTTS HONALD M & TINA M | 10-W95-2 | | | | |
| +13 | BUITS RONALD M & TINA M | 10-W95-2 | 1 | | | |
| | | | | *Highlighteo Pa | roels may be impacted during drilled. | 06/20/202 |
| | 47-651-02557 | COMPANY: | | | and | |
| VISIONS | | | | ex | oand | |
| VISIONS | | | | | | |
| VISIONS | | OPERATOR'S | DAVI | REINBEAU M | IDAT | E: 03-26-202 |
| VISIONS | | | DAVI | | SH DAT | |
| VISIONS | | WELL #: | | REINBEAU M 405H | SH DAT | AWN BY: N. MAN |
| VISIONS | | | COU | REINBEAU M 405H | SH DAT STATE: SCA | E: 03-26-202 AWN BY: N. MAN ALE: N/A AWING NO: |

 UNION
 MARSHALL
 WV
 DRAWING NO: WELL LOCATION PLAT 8

 \u0005 B= FUFS_-02 - C_UVESAND\DAVD REINBEAU MSH\WELL PLATS\40001\FINAL\REINBEAU 405H MSH 0.3-26-25\REINBEAU 405H MSH WELL PLAT 3-26-25.0WG

| | Attached to and made a part of the State of West Virginia OI and Gas Permit Form, WW | | | | % INTEREST NOT LEAS SWN PRODUCTION COM |
|--------------------------|---|---|--|-------------------------------------|---|
| TMP 13-0008-0029-0000 | LESSOR Shely A. Reinbeau and David W. Reinbeau, her husband, joint tenants, with right of survivorship | LESSEE Chesapeake Appalachia, L.L.C. | ROYALTY At least 1/8th per WV Code 22-6-8 | BK/PG 688/424 | LLC |
| 13 0000 0033 0000 | | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 33/110 *See Letter | 0.00% |
| 13-0008-0032-0000 | Eleanor Loy, single | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 704/145 33/110 *See Letter | |
| | Eugene Loy and Carol A. Loy, his wife | Expand Operating, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 704/148 33/110 | - |
| | Lois Archey, widow | Expand Operating, LLC Chesapeake Appalachia, LLC. | At least 1/8th per WV Code 22-6-8 | *See Letter 704/100A | - 0.00% |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 *See Letter | _ |
| | William A. Loy, single | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 704/151 33/110 | |
| 13-0008-0001-0000 | Eleanor Loy, single | Expand Operating, LLC Chesapeake Appalachia, LLC. | At least 1/8th per WV Code 22-6-8 | *See Letter 678/50 | |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 *See Letter | |
| | Eugene Loy and Carol A. Loy, his wife | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 678/47 33/110 *See Letter | |
| | Lois Archey, widow | Expand Operating, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 678/53 33/110 | - 0.00% |
| | William A. Loy, single | Expand Operating, LLC Chesapeake Appalachia, LLC. | At least 1/8th per WV Code 22-6-8 | *See Letter 677/33 | - |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 *See Letter | |
| 13-0003-0005-0005 | Brian F. Bonacci, a single man | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 764/390 33/110 | |
| | Frank A. Bonacci, a married man dealing in his sole and separate property | Expand Operating, LLC Chesapeake Appalachia, L.L.C. | At least 1/8th per WV Code 22-6-8 | *See Letter 764/396 | 0.00% |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 *See Letter | _ |
| | Orville Young LL.C. | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 868/394 *See Letter | - |
| 13-0003-0005-0001 | Brian F. Bonacci, a single man | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 764/390 33/110 | |
| | Frank A. Bonacci, a married man dealing in his sole and separate property | Expand Operating, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 764/396 33/110 | 0.00% |
| | Orville Young L.L.C. | Exoand Oberatine. LLC EXoand Oberatine. LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 868/394 | - |
| 13.0003.0003.0000 | Brian F. Bonacci, a single man | Expand Operating, LLC Chesaneake Annalachia, L.L.C. | At least 1/8th per WV Code 22-6-8 | *See Letter 782/393 | |
| | | SWN Production Company, LLC Exoand Operating, LLC | | 33/110 *See Letter | _ |
| | Frank A. Bonacci, a married man dealing in his sole and separate property | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 782/385 33/110 | |
| | Heidi Bruhn, fka Heidi Schenk Hughes, a married woman dealing in her sole and separate property | Expand Operating, LLC Chesapeake Appalachia, L.L.C. | At least 1/8th per WV Code 22-6-8 | *See Letter 767/455 | - |
| | Karen Schenk Siigar and Terry B. Siigar, wife and husband | SWN Production Company, LLC Expand Operating, LLC Chreateack Annualechia LLC | At least 1/8th ner WV Code 22:6:8 | 33/110 *See Letter | |
| | | SWN Production Company, LLC | At least 1/8th Der WV Code 22-6-8 | 768/203 33/110 *See Letter | 0.00% |
| | Louise S. Coulling, a married woman dealing in her sole and separate property | Expand Operating, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 767/445 33/110 | - |
| | Mary Schenk Hamilton and Gary P. Hamilton, wife and busband | Exoand Overatine. LLC Chesapeake Appalachia, LLC. | At least 1/8th per WV Code 22-6-8 | *See Letter 767/466 | - |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 *See Letter | _ |
| | Orville Young L.L.C. | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 868/394 *See Letter | _ |
| | White Horse Farm, LLC, a West Virginia Limited Liability Company | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 771/373 33/110 | |
| 13-0003-0005-0000 | Louise S. Coulling, a married woman dealing in her sole and separate property | Expand Operating, LLC Chesapeake Appalachia, LLC, | At least 1/8th per WV Code 22-6-8 | *See Letter 767/473 33/110 | |
| | Orville Youne L.L.C. | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 868/394 | - 0.00% |
| 13-0003-0005-0003 | Brian F. Bonacci, a single man | Exoand Obseration. LLC Exoand Obseration. LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 782/393 | |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 *See Letter | |
| | Frank A. Bonacci, a married man dealing in his sole and separate property | Chesaneake Annalachia. L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 782/385 33/110 | |
| | Heidi Bruhn, fka Heidi Schenk Hughes, a married woman dealing in her sole and separate property | Expand Operating, LLC Chesaneake Annalachia, LLC. | At least 1/8th per WV Code 22-6-8 | *See Letter 767/455 | - |
| | Karen Schenk Sligar and Terry B. Sligar, wife and husband | SWN Production Company, LLC Expand Operating, LLC Chesapeake Appalachia, LLC. | | 33/110 *See Letter 768/203 | - |
| | Karen Scheik Sugar and Terry B. Sugar, wite and nusband | Chesspeake Appauenia, LLC: SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 33/110 *See Letter | 0.00% |
| | Louise S. Coulling, a married woman dealing in her sole and separate property | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 767/445 33/110 | - |
| | Mary Schenk Hamilton and Gary P. Hamilton, wife and husband | Expand Operating, LLC Chesapeake Appalachia, LLC. | At least 1/8th per WV Code 22-6-8 | *See Letter 767/466 | - |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 *See Letter | _ |
| | Ovilk Young LLC. White Horse Farm, LLC, a West Virginia Limited Liability Company | SWN Production Company. LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 868/394 *See Letter | - |
| | white Horise Farm, LLC, a West Virginia Limited Laboary Company | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 771/373 33/110 | |
| 13-0003-0002-0000 | White Horse Farm, LLC, a West Virginia Limited Liability Company | Expand Operating, LLC Chesaneake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 770/603 33/110 | 0.00% |
| 13-0002-0088-0000 | Ronald J. Iser and Linda J. Iser, husband and wife | Expand Operating, LLC Chesapeake Appalachia, L.L.C. | At least 1/8th per WV Code 22-6-8 | *See Letter 772/610 | |
| | | SWN Production Company, LLC Expand Overating, LLC | | 33/110 *See Letter | 0.00% |
| 13-0002-0026-0000 | David T. Gibson and Vanessa A. Gibson, busband and wife | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 678/523 33/110 | 0.00% |
| 13-0002-0029-0000 | Charles Robert Willis and Kimberly D. Willis, fik/a Kimberly Dee Iser, husband and wife | Exoand Operating, LLC Chevron U.S.A. Inc. | At least 1/8th per WV Code 22-6-8 | *See Letter 805/414 | |
| | | Chesapeake Appalachia, L.L.C. SWN Production Company, LLC | | 30/532 33/110 | 0.00% |
| 13-0002-0034-0000 | Richard E. Long and Mary D. Long, his wife | Exoand Oberating, LLC ALL Resources, LLC. Chesapeake Appalachia, LL.C. | At least 1/8th per WV Code 22-6-8 | *See Letter 676/236 21/187 | |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 | 0.00% |
| 13-0002-0035-0000 | Richard E. Long and Mary D. Long, his wife | ALL Resources, L.L.C. Chesapeake Appalachia, L.L.C. | At least 1/8th per WV Code 22-6-8 | *See Letter 676/236 21/187 | 0.00% |
| | | SWN Production Company, LLC Expand Operating, LLC | | 33/110 *See Letter | 0.0079 |
| 13-0002-0035-0001 | Richard E. Long and Mary D. Long, his wife | ALL Resources, L.L.C. Chesapeake Appalachia, L.L.C. | At least 1/8th per WV Code 22-6-8 | 676/236 21/187 | 0.00% |
| | | SWN Production Company, LLC Expand Operating, LLC ALL Resources, L.L.C. | | 33/110 *See Letter | |
| 13-0002-0020-0000 | Richard E. Long and Mary D. Long, his wife | ALL Resources, LL.C. Chesupeake Appalachia, LL.C. SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 676/236 21/187 22/110 | 0.00% |
| 12 0002 0010 0000 | Thomas L. Schane and Sandrea M. Schane, his wife | SWN Production Company, LLC Expand Operating, LLC Fossil Creek Ohio, LLC | At heat 19th are WIL Code 22.6.9 | 33/110 *See Letter 930/429 | |
| 15-0002-0019-0000 | encounte un activitat autoritat de 19. (A.MININ, 19. MIN | Gulfport Energy Corporation American Petrolsum Patners Operating, LLC | At least 1/8th per WV Code 22-6-8 | 32/322 36/588 | 0.00% |
| | | SWN Production Company, LLC Expand Operating, LLC | | 45/381 *See Letter | |
| 10-0W95-0112-0000 | Peroni Construction, Inc., a West Virginia Corporation | American Petroleum Partners Operating. LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 938/122 980/572 | 0.00% |
| 13-0002-0016-0002 | Royalty Owner (subject to unifization filing dated 03/31/2025) | Expand Operating, LLC N/A | N/A | *See Letter N/A | 89.60% |
| | Amy Thomas akia Amy L. Thomas fikia Amy L. Young, a married woman dealing in her sole and separate property Bruce A. Hoffman, a single man | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 1144/1 *See Letter | - |
| | Bruce A. Hoffman, a single man David Friel, single | SWN Production Company, LLC Extend Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1142/697 *See Letter 1145/459 | - |
| | Luwa Frie, singe Elizabeth Jane Gillon alvía Betty Jane Gillon flvia Elizabeth Jane Fuller, a widow and not remarried | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1143/459 | |
| | Enzabeni Jane vilion a koi a beity Jane vilion a koi enzabeni Jane Painer, a wakow anu not remarteda Frank Hoffman a/ka Francis Adrian Hoffman and Gayle Hoffman, husband and wife | Expand Operating LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1139/669 | |
| | Joseph Friel, married, dealing in his separate property | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1145/453 | - |
| | Jonejni rite, narited, ueanng in no sepanate property Linda Young, single | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1151/137 | - |
| | Mary Jean Patterson filvia Mary Jean Meals filvia Mary Jean Hoffman, a married woman dealing in her sole and separate property | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1139/675 | - |
| | man y zana anekona wa man y zana okano oka man y zana nomana, a nanioso woman okanang ni oki zok min zymanic property Mary L Green, a widow | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1144/378 | - |
| | Matthew Friel, married, dealing in his separate property | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1145/451 | - |
| | Shirky Ann Green, a widow | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1144/372 | |
| | Stephen E. Hoffman and Cheryl A. Hoffman, husband and wife | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1141/292 | |
| | | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1145/477 | - |
| | Stephen Friel, married, dealing in his separate property | 5 WW Fibliction Company, ECC | | | |
| | Stephen Frick, married, dealing in his separate property Sausan M. Bresueiak, married, dealing in her separate property | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1145/483 | - |
| | | Expand Operating, LLC | | *See Letter | - |

| | EXIDIT "A" Invit Reinber Mithill Antichel to and made a part of the Sine of We partial for a different Antichel to and made a part of the Sine of We partial for a different | ginia | | | |
|--|--|--|--|---|---|
| # TMP | LESSOR | LESSEE | ROYALTY | BK/PG | % INTEREST NOT LEASED BY SWN PRODUCTION COMPANY LLC |
| 20 10-0W95-0109-0000 |) APP Minenis, LLC | American Petroleum Partners Oberating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 977/187 980/572 | 0.00% |
| 21 13-0002-0102-0004 | Ahmad Rahbar Credit Shelter Trust | Expand Operating, LLC American Petroleum Partners Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 924/229 (Marshall Co.) 925/240 | |
| | | SWN Production Company, LLC | | 925/240 (Ohio Co.) 45/381 | 0.00% |
| 22 01-0RB2-0031-0009 | Patrick Joseph Potts, a single man | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 996/675 | 0.00% |
| 23 01-0RB2-0031-0008 | John W. Potts and Rose A. Potts, husband and wife | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 996/680 *See Letter | 0.00% |
| | John W. Potts and Rose A. Potts, husband and wife | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 996/680 *See Letter | 0.00% |
| | Potts Partnership, a West Virginia general partnership, by John W. Potts, Partner, and Patrick Joseph Potts, Partner Boumty Minerals, LLC | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 996/670 *See Letter | 0.00% |
| 26 01-0KH2-0024-0001 | | American Petrokum Partners Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 949/333 980/572 *See Letter | |
| | Bounty Minerals, LLC | American Petrokum Partners Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 949/343 980/572 | 0.00% |
| | Bounty Minerals, LLC | American Petroleum Partners Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 949/324 980/572 | - |
| 27 01-0RB2-0026-0000 28 01-0RB2-0037-0000 | Royalty Owner (subject to unitization filing dated 03/31/2025) Anex Self-Storase, LLC, a West Virginia limited liability company, by Rodd F. Thoburn, Member, and Todd L. Thoburn, Member | Expand Operating, LLC N/A SWN Production Commany, LLC | N/A At least 1/8th per WV Code 22-6-8 | *See Letter N/A 1013/191 | 100.00% |
| | Aree set-source LEC, a vest viruni innere informativ, ov koda P. Informit, memoer, and toda L. Informit, memoer James A. Porta and Eythle L. Porta, husband and wife | Expand Operating. LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1025/294 | 0.00% |
| | Barry Wayne Carter and Terri Lea Carter, husband and wife | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1025/313 *See Letter | 0.00% |
| | Errol C. Sambuco, Jr. and Christy L. Sambuco, husband and wife | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1076/180 *See Letter | 0.00% |
| 32 01-RB2J-0012-0000 33 01-0RB2-0017-0002 | Rovaliv Oswart (subject to unizization films dated 0331/2005) Apex Self-Storage, LLC, a West Virginia limited liability company, by Rodd F. Thoburn, Member, and Todd L. Thoburn, Member | N/A SWN Production Company, LLC Expand Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1013/191 *See Letter | 0.00% |
| 34 01-RB2J-0003-0000 35 01-RB2J-0146-0000 | Royalty Owner (subject to unitization filing dated 0331/2025) Royalty Owner (subject to unitization filing dated 0331/2025) | N/A N/A | N/A N/A | N/A N/A | 100.00% |
| | Vilage of Bethlehem, a municipal corporation Wheeling Properties Co., a Joint Venture | SWN Production Commany. LLC Expand Operating, LLC American Petroleum Partners Operating, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1018/265 *See Letter 949/481 | 0.00% |
| | | SWN Production Company, LLC Expand Operating 11 C | | 993/705 *See Letter | 0.00% |
| | Leo A. Bleifus, Jr., a widower and not remarried Abysa J. Young, single | SWN Production Company, LLC Expand Operating, LLC American Prevolvum Partners Operating, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 997/484 *See Letter 945/630 | 0.00% |
| | | SWN Production Company, LLC Expand Operating, LLC | | 993/705 *See Letter | _ |
| | Caleb A. Young and Kristina L. Young, husband and wife | American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 948/369 993/705 *See Letter | |
| | Donald L. Anderson and Carolyn K. Anderson, husband and wife | American Petroleum Partners Operating. LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 945/586 993/705 | - |
| | Charles Travis, Jr., and Claudia Travis, husband and wife | Expand Operating, LLC American Petroleum Partners Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 945/691 993/705 | _ |
| | Charles M. Rowan and Donna Jean Rowan, husband and wife | Expand Operating, LLC American Petroleum Partners Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 945/634 | - |
| | Carl L. Schuler, Jr., ak/a Carl L. Schuler, ak/a Carl Lawrence Schuler, and Danella S. Schuler, ak/a Danella Swain Schuler, husband and wife | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 993/705 *See Letter | - 0.00% |
| | | American Petroleum Partners Oneratina. LLC SWN Production Company, LLC Expand Operating, LLC | | 950/401 993/705 *See Letter | |
| | John C. Hemmann, II, a'kia John Charles Hemmann, II, and Geralyn O. Hemmann, a'kia Geralyn O'Neill Hemmann, husband and wife | American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 945/762 993/705 *See Letter | |
| | Matthew Young, single | American Petroleum Partners Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 949/453 993/705 | - |
| | Peggy A. Yates and Andrew M. Yates, wife and husband | Expand Operating, LLC American Petroleum Partners Operating, LLC SWNP Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 945/557 993/705 | _ |
| | S. Michael Polanski and Sandra K. Polanski, husband and wife | Expand Operating, LLC American Petroleum Partners Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 945/778 | - |
| 40 I-470 | Barbara S. Yost and Donald F. Yost, wife and husband | SWN Production Company, LLC Expand Operating, LLC American Petroleum Partners Operating, LLC | At least 1/8th per WV Code 22-6-8 | 993/705 *See Letter 955/493 | |
| | | SWN Production Company, LLC Expand Operating, LLC | | 993/705 *See Letter | _ |
| | Janet Louise Patterson and John E. Patterson, wife and husband Kenneth W. Beannan and Cynthia Brannan, husband and wife | SWN Production Commonsv. LLC Expand Operating, LLC American Petroleum Partners Operating. LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 999/11 *See Letter 966/484 | - 0.00% |
| | Mark R. Brannan and Donna K. Brannan. busband and wife | American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Operating, LLC | | 966/484 993/705 *See Letter 956/478 | 0.00% |
| | Mark K. Brannan and Loona K. Brannan, nusband and wite | American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 993/705 *See Letter | |
| 41 01-0RB1-0016-0000 | SWN Production Company, LLC (Company Owned Minerals) Bounty Minerals, LLC | N/A Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 997/494 *See Letter 949/343 | |
| | | American Petroleum Partners Overating. LLC SWN Production Company, LLC Expand Operating, LLC | | 980/572 *See Letter | 0.00% |
| | Richard J. Diesk, Jr. Dioscean Real Estate, Inc. | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1076/672 *See Letter 1076/781 | 0.00% |
| 44 01-0RB1-0021-0000 | | Expand Obserating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1079/550 | 0.00% |
| 45 10-0W61-0061-0000 | Royalty Owner (subject to unitization filing dated 03/31/2025) Alice MacCordie Carrott | Expand Operating, LLC N/A SWN Production Company, LLC | N/A At least 1/8th per WV Code 22-6-8 | *See Letter N/A 1085/107 | 25.00% |
| | Blanche Steger Ellis | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 *See Letter | - |
| | Carol B. MacCorkle | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter | _ |
| | Eric J. Sagendoph George Lawrence Reymann | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter 1085/72 | - |
| | Glenn R. Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/655 *See Letter | _ |
| | Joan D. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/37 *See Letter | _ |
| | Kurt Richard Sagendorph Paul W. Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter 1084/743 | _ |
| | William J. Steger, Jr. | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 | - |
| 46 10-0W61-0038-0000 | Royalty Owner (subject to unizzation filing dated 03/31/2025) Alice MacCorke Caroot | Expand Operating, LLC NA SWN Production Company, LLC | N/A At least 1/8th per WV Code 22-6-8 | *See Letter N/A 1085/107 | 25.00% |
| | Blanche Steger Ellis | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 *See Letter | _ |
| | Carol B. MacCorkle | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter | - |
| | Eric J. Sagendorph George Lawrence Reymann | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter 1085/72 | - |
| | Glenn R. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1084/655 | - |
| | Joan D. Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/37 *See Letter | _ |
| | Kart Richard Sagendorph Paul W. Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter 1084/743 | _ |
| | ran v. sagemarpin William J. Steger, <i>Ir.</i> | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 | - |
| | Revalty Owner (subject to unizzation filing dated 03/31/2025) Alice MacCords Carrott | Expand Operating, LLC N/A SWN Production Company, LLC | N/A At least 1/8th per WV Code 22-6-8 | *See Letter N/A 1085/107 | 25.00% |
| 47 10-0W61-0039-0000 | | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 *See Letter | _ |
| 47 10-0W61-0039-0000 | Blanche Steger Ellis | | | 1085/1 | - |
| 47 10-0W61-0039-0000 | Carol B. MacConde | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter | _ |
| 47 10-0W61-0039-0000 | Carol R MacCorke Tric J Sagnodoph | SWN Production Company, LLC Expand Openning, LLC SWN Production Company, LLC Expand Openning, LLC | At least 1/8th per WV Code 22-6-8 | | - |
| 47 10-00/61-0039-0000 | Carol B. MacConde | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC | | *See Letter 1084/620 *See Letter 1085/72 *See Letter 1084/655 | - |
| 47 10.01%61.003950000 | Carol R MacCorkk Tric J. Sagnologh Google Converse Reyman Google Converse Reyman Google Converse Reyman Google Converse Reyman Joan D. Sagnologh Joan D. Sagnologh | SWN Productors Company, LLC Fequal Openning, LLC SWN Productors Company, LLC SWN Productors Company, LLC Expand Openning, LLC Expand Openning, LLC Expand Openning, LLC Company, LLC Swama, LLC Swama, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1084/620 *See Letter 1085/72 *See Letter 1084/655 *See Letter 1085/37 *See Letter | - |
| 47 10-00-61-0055-0000 | Carol R. MacCorke Eric J. Sagoshoph George Lawrence Reymann Glem R. Sagoshoph | SWN Productora Company, LLC Expand Operating, LLC SWN Productora Company, LLC SWN Productora Company, LLC SWN Productora Company, LLC Expand Operating, LLC SWN Productora Company, LLC SWN Productora Company, LLC | At least 1/8th per WV Code 22.6-8 At least 1/8th per WV Code 22.6-8 At least 1/8th per WV Code 22.6-8 | *See Letter 1084/620 *See Letter 1085/72 *See Letter 1084/655 *See Letter 1085/37 | - - - - |



| | Marchall Guany, West Virginia Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by E | Expand Operating, LLC., Operator | | | % INTEREST NOT LEAS |
|---|---|--|--|---|--------------------------|
| TMP | LESSOR | LESSEE | ROYALTY | BK/PG | SWN PRODUCTION COM |
| -0W61-0040-0000 | Koyano Owner (subject to unitzation tuning anter us/s) (2025) Alice MacCodde Carrott | N/A SWN Production Company, LLC Expand Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 *See Letter | 23.00% |
| | Blanche Steger Ellis | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/186 *See Letter | _ |
| | Carol B. MacCorkle | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter | _ |
| | Eric J. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter | _ |
| | George Lawrence Reymann Glenn R. Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/72 *See Letter 1084/655 | _ |
| | Joan D. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1085/37 | _ |
| | Kurt Richard Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/692 | _ |
| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/743 | _ |
| | William J. Steger, Jr. | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 | - |
| 0W61-0021-0000 | 00 Royally Owner (subject to unitization filing dated 03/31/2025) Alice MacCodde Carrott | N/A | N/A | *See Letter N/A 1085/107 | 25.00% |
| | | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter | _ |
| | Blanche Steger Ellis Carol B. MacCorkle | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/186 *See Letter 1085/1 | - |
| | - Eric J. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1084/620 | - |
| | George Lawrence Reymann | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1085/72 | _ |
| | Glenn R. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/655 | _ |
| | Joan D. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/37 | _ |
| | Kurt Richard Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/692 | _ |
| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/743 | _ |
| | William J. Steger, Jr. | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 *See Letter | _ |
| W61-0017-0000 | 00 Royalty Owner (subject to unitization filing dated 03/31/2025) | Expand Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A | 25.00% |
| | Alice MacCorkle Carrott Blanche Steger Ellis | SWN Production Company, LLC Expand Operating, LLC SWD Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/107 *See Letter | _ |
| | Blanche Steger Ellis Carol B. MacCorkle | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/186 *See Letter 1085/1 | - |
| | Carol IS. MacConte | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1084/620 | _ |
| | George Lawrence Reymann | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1085/72 | _ |
| | Genn R. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/655 | _ |
| | Joan D. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/37 | _ |
| | Kurt Richard Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/692 *See Letter | _ |
| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/743 *See Letter | - |
| | William J. Steger, Jr. | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1082/675 *See Letter | _ |
| 0W53-0207-0000 | 00 Royalty Owner (subject to unitization filing dated 03/31/2025) Alice MacCodde Carrott | N/A SWN Production Company, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 | 25.00% |
| | Bunche Steger Ellis | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 | - |
| | Carol B. MacCorkle | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1085/1 | _ |
| | Eric J. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/620 | _ |
| | George Lawrence Reymann | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/72 | - |
| | Glenn R. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/655 | _ |
| | Joan D. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/37 *See Letter | _ |
| | Kurt Richard Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/692 *See Letter | - |
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| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 1084/743 | _ |
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| 0W53-0208-0000 | William J. Steger, Jr. 80 Reveals: Owner (subject to unitation film dated 1031/2025) | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC N/A N/A | At least 1/8th per WV Code 22-6-8 N/A | 1084/743 *See Letter 1082/675 *See Letter N/A | 25.00% |
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| 9, 51, 2014 A004 | Winn J. Sugar, J. Winn J. Sugar, J. Mark McCarlot consider to material field MU12021. Alse McCarlot Const Hand, Sugar JB. Cataly Sugar JB. | SWN Pochetor Compary, LLC SWN Pochetor Compa | A least 14th per WV Cole 22:44 Nr. A Hard 14th per WV Cole 22:44 A Hard 14th per WV Cole 22:44 A Last 14th per WV Cole 22:44 A Hard 14th per WV Cole 22:44 | 1084/743 *Sec Letter 1082/073 *Sec Letter 1085/107 *Sec Letter 1085/17 *Sec Letter 1085/18 *Sec Letter 1086/17 *Sec Letter 1086/18 1086/18 *Sec Letter 1086/19 1086/108 *Sec Letter | - 3107. |
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| 5 10-0W53-00200 | Royalty Owner (subject to unitization filing dated 03/31/2025) Alice MacCorkle Carrott | N/A SWN Production Company, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 | 25.00% |
| | Blanche Steger Ellis | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 | - |
| | Carol B. MacCorkle | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/1 *See Letter | _ |
| | Eric J. Sagendomh | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter | - |
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| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/743 | _ |
| | William J. Steger, Jr. | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 *See Letter | - |
| 7 10-0W53-0199-0000 | Royalty Owner (subject to unitization filing dated 03/31/2025) Alice MacCorkle Carrott | N/A SWN Production Company, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 | 25.00% |
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| | Glenn R. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter | _ |
| | Joan D. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/37 *See Letter | _ |
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| | Paul W. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter | _ |
| | William J. Steger, Jr. | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1082/675 *See Letter | |
| 10-0W53-0198-0000 | Royalty Owner (subject to unitization filing dated 03/31/2025) Alice MacCorkle Carrott | N/A SWN Production Company, LLC Expand Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 *See Letter | 25.00% |
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| | Joan D. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/37 *See Letter | _ |
| | Kurt Richard Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter | _ |
| | Paul W. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/743 *See Letter | _ |
| | William J. Steger, Jr. | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1082/675 *See Letter | AF 666 |
| 10-0W53-0197-0000 | Royalty Owner (subject to unitization filing dated 03/31/2025) Alice MacCorkle Carrott | SWN Production Company, LLC Expand Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 *See Letter | 23.00% |
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| | Carol B. MacCorkle | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter | _ |
| | Eric J. Sagendomh | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter | _ |
| | George Lawrence Reymann | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/72 *See Letter | _ |
| | Glenn R. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter | _ |
| | Joan D. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/37 *See Letter | - |
| | Kurt Richard Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter | - |
| | Paul W. Sagendorph | SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 1084/743 *See Letter 1082/675 | _ |
| | William J. Steger, Jr. | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | | - |
| | John W. Potts and Rose A. Potts, husband and wife | | | *See Letter | |
| 01-RB2D-0035-0000 | | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 996/680 *See Letter | 0.00% |
| 10 001/21 0041 0001 | | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 996/680 *See Letter 1017/277 *See Letter | 0.00% |
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| 10-0W61-0041-0001 | Royalty Owner (nabject to unkizzion filing dated 03:11/2025) Aliee MacCodek Caroot Blanche Stoger Ellin | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC N/A | At least 1/8th per WV Code 22-6-8 N/A At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 996/680 *See Letter 1017/277 *See Letter N/A | 0.00% |
| 10-0W61-0041-0001 | Reyals Owner (adjectia unitation filing dated (0.517/025) Alex MacCarle Carott Einden Sager JEIN Carol R. MacCorle | Equal Operating, LLC SWN Production Company, LLC Equation Operating, LLC SWN Product Account, LLC SWN Product Account, LLC SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 N/A At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 996/680 *See Letter 1017/277 *See Letter N/A 1085/107 *See Letter 1085/186 *See Letter 1085/1 *See Letter | 0.00% |
| 10-0W61-0041-0001 | Reguly Owner (enlights to unitation filing dated 05/31/2025) Alex MacCoke Carott Kinecke Steger Filine Carol R. MacCoke Filine F | Equad Operating, LLC SWN Ponderin, Clampar, LLC Equad Operating, LLC SWN Pondering, LLC | At least 178th per WV Code 22-6-8 N/A At least 178th per WV Code 22-6-8 At least 178th per WV Code 22-6-8 At least 178th per WV Code 22-6-8 At least 178th per WV Code 22-6-8 | 996/680 *See Letter 1017/277 *See Letter N/A 1085/107 *See Letter 1085/186 *See Letter 1085/1 | 0.00% |
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| 10-0W61-0041-0001 | Royalty Owner (robject to antiration filing dated (05:11:2025) Alsee McCarle Caront Hinnels Stogar Ellis Carolt H. McCarlek Fiz: J. Signadorph George Lawrence Reymann Clean R. Signadorph Clean R. Signadorph | Equad Opennie, LLC SWN Podotism Company, LLC Expand Opennie, LLC White Company, LLC Swn Dockston, Company, LLC SWN Podotism Company, LLC SWN Podotism Company, LLC White Company, LLC White Company, LLC SWN Podotism Company, LLC | At least 17th per WV Code 22-6-8 N/A At least 17th per WV Code 22-6-8 At least 17th per WV Code 22-6-8 | 996/680 *See Letter 1017/277 *See Letter N/A 1085/107 *See Letter 1085/186 *See Letter 1085/16 *See Letter 1084/620 *See Letter 1085/72 *See Letter | 0.00% |
| 10-0W61-0041-0001 | Reynly Owner (robject to unitation fling data) (0:11/2025) Alece McCalde Caront Blanche Steger Ells Carolt B. McCalde Frie J. Sagnshoph George Lawrence Reynnan | Franci Openning, LLC SWN-Postering, Clarger, LLC Synad Constraint, LLC Synad Openning, LLC Synad Openning, LLC Synad Openning, LLC Copand Openning, LLC SWN-Postering Company, LLC Synad Openning, LLC Synad Openning, LLC Synad Openning, LLC SWN-Postering Company, LLC Synad Openning, LLC SWN-Postering Company, LLC | At least 19th per WV Code 22-6-8 N/A At least 19th per WV Code 22-6-8 At least 19th per WV Code 22-6-8 | 996.680) *See Letter 1017/277 *See Letter N/A 1065/107 *See Letter 1085/186 *See Letter 1085/1 *See Letter 1084/620 *See Letter 1084/620 *See Letter 1084/630 *See Letter 1084/630 | 0.00% |
| 10-0W61-0041-0001 | Revals Obser (rabjects u unitazion filing dialed (05.11/025) Alex Maccalak Carott Binche Stager filin Carol B. MacColak Text J. Signaloph Georg Lawrance Reyman Georg Lawrance Reyman Text D. Signaloph Toan D. Signaloph | Franci Openning, LLC SWN-Potentina Company, LLC Synad Contrast, LLC Synad Company, LLC Synad Openning, LLC Hereit, LLC Hereit, LLC Hereit, LLC SWN-Podestina Company, LLC SWN-Podestina Compa | At least 19th per WV Code 226.8 NA At least 19th per WV Code 226.8 | 996/680 *Sec Letter 1017/277 *Sec Letter 1085/107 *Sec Letter 1085/108 *Sec Letter 1084/02 *Sec Letter 1084/02 *Sec Letter 1085/37 *Sec Letter 1084/02 *Sec Letter 1084/02 *Sec Letter 1084/02 | 0.00% |
| 10-0W61-6041-6001 | Repuls Owner (rabjects unstration filing dated 005/12025) Alse MacCarkk Carott Bincles Sager filing Carolt B. MacCarkk Exis J. Sagnshoph Genar K. Sagnshoph Carolt S. MacCarkk Taxin D. Sagnshoph Kan D. Sagnshoph Kan D. Sagnshoph Kan D. Sagnshoph | Franci Openning, LLC SWN-Potentina Company, LLC Synad Contrast, LLC Synad Company, LLC Synad Openning, LLC Hereit, LLC Hereit, LLC Hereit, LLC SWN-Podestina Company, LLC SWN-Podestina Compa | At least 19th per WV Cole 22-64 NA. At least 19th per WV Cole 22-64 At least 19th per WV Cole 22-64 | 996/680 *See Letter 1017/277 *See Letter N/A 1085/107 *See Letter 1085/186 *See Letter 1085/186 *See Letter 1084/620 *See Letter 1084/627 *See Let | 0.00% |
| | Repair Owner (rablect to unitation filing dated (05.12.025) Alsce MacCarlot Blancke Steger Filin Carol R MacCarlot Carol R MacCarlot Fiziel A Sugnologith George Lawrence Represent George Lawrence Represent Carol R MacCarlot Text R Stand Sugnologith Karo R Sugnologith Paul W. Sugnologith Paul W. Sugnologith | Franci Openning, LLC SWN Podorism Company, LLC Sward Storator, LLC Sward Storator, LLC SWN Podorism Company, LLC SWN Podoris | At least 1 Mb per W Cole 22-64 NA NA At least 1 Mb per W Cole 22-64 At least 1 Mb per W Cole 22-64 | 996/600) *Soc Letter 1017/277 *Soc Letter N/A 1085/107 *Soc Letter 1085/12 *Soc Letter 1085/12 *Soc Letter 1085/12 *Soc Letter 1085/37 *Soc Letter 1086/402 *Soc Letter 1082/402 *Soc Letter 1082/675 *Soc Letter N/A | 0.00% |
| | Revuls these realization filting diaded (05.11 NDS1) Alce Mate Carlo Binnels Sager filting Careli K Mate Carlo Careli K Mate Carlo Garagi L Amates Regromm Garagi L Sangadoph Kart R Sagnadoph Nach D. Sagnadoph Fari F. Sagnadoph Fari F. Sagnadoph Math J. Sagnadoph Fari F. Sagnadoph | Franci Openning, LLC SWN Podorism Company, LLC Sward Storator, LLC Sward Storator, LLC SWN Podorism Company, LLC SWN Podoris | At least 19th per WV Cole 22-64 NA At least 19th per WV Cole 22-64 At least 19th per WV Cole 22-64 | 996(60) *See Letter 1017/27 *See Letter NA 1085107 *See Letter 1057/37 *See Letter 1057/37 *See Letter 1054702 *See Letter 105577 *See Letter 105577 *See Letter 105577 *See Letter 105577 *See Letter 105277 *See Letter NA 1055107 *See Letter NA 105510 *See Letter NA 10551 *See Letter NA 10551 *See Letter NA 10551 *See Letter *See Letter *See Letter | 25.00% |
| | Royaly Owner (rablect to unitation filing dated 0051/2025) Alse MacCole Caront Binche Stoger (Filing Carol R. MacCole Facel R. MacCole C. Gravit | Franci Openning, LLC SWN Podorism Company, LLC Sward Storator, LLC Sward Storator, LLC SWN Podorism Company, LLC SWN Podoris | At least 19th per WV Cole 22-64 NA NA At least 19th per WV Cole 22-64 At least 19th per WV Cole 22-64 | 996/600 996/600 936/2017/277 | 25.00% |
| | Revels (Neuer (abjects unitation files (died (05.1) N25)) Alex Maccale (aron) Binche Sager (Bin Cond R. MacCale (aron) Face (As Cano) Goog Lawrence Reynman Goog Lawrence Reynman Goog Lawrence Reynman Kein D. Sagendorph Nen D. Sagendorph Nen D. Sagendorph Nen D. Sagendorph Value J. Sagendorph < | Formal Openning, LLC SWN Production Company, LLC Synad Department, LLC Synad Department, LLC Swn Department, LLC Swn Department, LLC Swn Department, LLC Swn Department, LLC Swn Department, LLC Swn Department, Swn Department, Swn Swn Department, Swn Swn Swn Department, Swn Swn Swn Department, Swn Swn Swn Department, Swn Swn Swn Swn Swn Swn Swn Swn | At least 19th per WV Cele 22-64 NA At least 19th per WV Cele 22-64 At least 19th per WV Cele 22-64 | 996/600 *3cc Exter *3cc Exter *3c | 25.00% |
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| | Runds Nager Alles Carlot Nack Sake Carlot Binde Sager Alles Carlot Facility Alles Carlot | Foread Opennin, LLC SWN Poderins Company, LLC Stand Jones, LLC Stand Jones, LLC Stand Opennin, LLC SWN Poderins Company, LLC SWN Podering Company, LLC | At least 1 Mb per W Cole 22-64 NA At least 1 Mb per W Cole 22-64 At least 1 Mb per W Cole 22-64 | 996.680 *Sec Letter 1017277 *Sec Letter NA NA NA 10851 *Sec Letter 10851 *Sec Letter 10851 *Sec Letter 10857 *Sec Letter 1084/051 *Sec Letter 1084/051 *Sec Letter 1084/051 *Sec Letter 1085107 *Sec Letter 108573 | 25.00% |
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| 18 0W 61-0025-0000 | Ravis Anserdabjects wainzakes filing dated (0.51 /0.051) Acc Ada Caster Binder Sagger Carel A MarCade Cares Binder Sagger Carel A MarCade Cares Fire A Sagadoph Carel A Sagadoph Acta MacCade Cares Value A Sagadoph Park Sagadoph Value A Sagadoph Carel B MacCaber waitstander (0.51 / 1025) Act MacCaber waitstander (0.51 / 1025) Act MacCaber Carent Facil Sagadoph Carel B Sagadoph Carel B Sagadoph Carel | Franci Opennin, LLC SWN Podestra Company, LLC SPA Desires Company, L | At least 19th per WV Cole 22-64 NA At least 19th per WV Cole 22-64 At least 19th per WV Cole 2 | 99.6400 95.62 | 0.0%5 25.00% |
| 10 dW 61-0025-0000 | Aceasia Casas Aceasia Casas Aceasia Casas Bindea Sagas Bindea Saga | Franci Opennin, LLC SWN Podestra Company, LLC SPA Desires Company, L | A theat 19th per W Cole 22-64 NA A Least 19th per W Cole 22-64 A Least 19th per W Cole 22-64 | 99680 3%61.0mg 98761.0mg 3%61.0mg 98761.0mg 3%61.0mg 98761.0mg 3%61.0mg 9881.0mg 3%61.0mg< | 25.00% |
| 10 dW 61-0025-0000 | Paralle Absert objects waitzation files dated (0.51/025) Absert Absert objects waitzation files dated (0.51/025) Final De Sagert files Final Description waiter files dated (0.51/025) Final Description waiter files dated (0.51/025) Final Description | Tened Opennie, LC SWN Poderins Company, LLC Stand Jones, LLC Stand Jones, LLC Stand Opennie, LLC SWN Poderins Company, LLC | A theat 19th per WV Cele 22-64 NA A Hast 19th per WV Cele 22-64 A Hast 19th per WV Cele 22-64 | 99680 996109 101727 985124000000000000000000000000000000000000 | 23.00% |
| 10 dW 61-0025-0000 | Archard Caser Caser Archard Caser Caser Archard Caser Caser Bracker Skapper Caser J Suppologith Varian J Suppologith Caser J Suppologith Varian J Suppologith Varian J Suppologith Varian J Suppologith Varian J Suppologith <t< td=""><td>Franci Opennie, LLC SWN Podestra Company, LLC SPA Desires Company, L</td><td>A theart 19th per WV Cade 22-64 NA A theart 19th per WV Cade 22-64 A theart 19th per WV Cade 22-</td><td>99680 996109 1007277 1007277 1007277 100727 10077 1000</td><td>23.00%</td></t<> | Franci Opennie, LLC SWN Podestra Company, LLC SPA Desires Company, L | A theart 19th per WV Cade 22-64 NA A theart 19th per WV Cade 22-64 A theart 19th per WV Cade 22- | 99680 996109 1007277 1007277 1007277 100727 10077 1000 | 23.00% |
| 18.0%31-0025-0000 | Arzhis Arearcafeyet wainzawa fileg datal (0.51 (0.55)) Arzhis Arganzawa fileg datal (0.51 (0.55)) | Even of opening, LLC Silve Advances Company, LLC Les and Advances Company, LLC Les and Advances Company, LLC Silve Advances Silve Ad | A theat 19h per W Cole 22-64 NA A theat 19h per W Cole 22-64 A theat 19h per W Cole 22-64 | 94680 96610 101271 101272 10127 101 | 25075 - 25075 |
| 1849/01-0025-0000 | Araly Absorbation (Bing dial (BJ) 1985) Araly Absorbation (Bing dial (BJ) 1985) Aran Absorbation (Bing dial (BJ) 1985) Find as Sagnafupi Gorg Lamore Reguman Gorg Lamore Reguman Aran Absorbation (Bing dial (BJ) 1985) | Even of opening, LLC Silve Advances Company, LLC Les and Advances Company, LLC Les and Advances Company, LLC Silve Advances Silve Ad | A theat 19th per W Cole 22-64 NA A Hant 19th per W Cole 22-64 A Hant 19th per W Cole 22-64 | 99680 996102 101727 10177 10 | 25.00% |
| 18 0W 61-0025-0000 | Arals Absertablystis weitzeles files diel (0.51)(05) Arker Akee Caret Binde Sagert Gradt MacCake Files Files Gradt MacCake Files Files Gradt MacCake Files Files Gradt Standbagh Gradt Standbagh Gradt Standbagh Kandbagster Files Files Gradt Standbagh Kandbagster Files Files Gradt Standbagh Files Files Files Files Gradt Standbagh Files Files Files Files Gradt MacCake Files Files Gradt Standbagh Files Files Gradt MacCake Files Files Gradt Standbagh Files Files Gradt Standbagh Files Files Files Files Gradt Standbagh Files Files Files Files Files Files Files Files Files Files Files | Franci Opennin, LLC SWN Podestra Company, LLC SPA Desires Company, L | A theat 1 Mb per W Cole 22-64 NA A theat 1 Mb per W Cole 22-64 A theat 1 Mb per W Cole 22- | 99680 996109 101727 10177 10177 101777 10177 | 25.00% |
| 10 dW 61-0025-0000 | Araly Absorbation (Bing dial (BJ) 1985) Araly Absorbation (Bing dial (BJ) 1985) Aran Absorbation (Bing dial (BJ) 1985) Find as Sagnafupi Gorg Lamore Reguman Gorg Lamore Reguman Aran Absorbation (Bing dial (BJ) 1985) | Formal Opennin, LLC SWN Production Company, LLC Swamp SWN Production Company, LLC SWN P | A theat 19th per W Cole 22-64 NA A Hant 19th per W Cole 22-64 A Hant 19th per W Cole 22-64 | 99680 996109 101727) 595120 101727 101777 101777 101777 101777 101777 1017777 1017777 1017777 101777 | 25.00% |
| 18.0%31-0025-0000 | Arabs Americabjects wainzawa filing daed (051) 2025) Arabs Americabjects wainzawa filing daed (051) 2025 Arabs Americabject wainzawa filing daed (051) 2025 | Tend Opening, LLC SWN Production Company, LLC Sward Production Company, LLC Sward Production Company, LLC Sward Opening, LLC Sward Opening | A least 19h per W Cole 22-64 NA A Least 19h per W Cole 22-64 A Least 19h per W Cole 22-64 | 99680 99680 100727) 100727) 100727 10 | 0.00% 0.00% 25.00% |

| | David Brinnen MSH #85H Marchall County, Neur Virginia Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by Expand Operating, LLC-, | Operator | | | |
|--------------------|---|--|--|--|---|
| TMP | LESSOR | LESSEE | ROYALTY | BK/PG | % INTEREST NOT LEASE SWN PRODUCTION COMP. LLC |
| 10-0W53-0203-0000 | Royaly Owner (subject to unitration filing dated 0331/2025) Alice MacCodde Carrott | N/A SWN Production Company, LLC Excend Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 *See Letter | 25.00% |
| | Blanche Steger Ellis | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 *See Letter | - |
| | Carol B. MacCorkle Fric.J. Sagesdomh | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter 1084/620 | - |
| | George Lawrence Reymann | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/72 *See Letter | - |
| | Glenn R. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter | - |
| | Joan D. Sagendorph Kurt Richard Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/37 *See Letter 1084/692 | - |
| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/743 *See Letter | - |
| | William J. Steger, Jr. | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 *See Letter | - |
| 10-0W53-0202-0000 | Royaby Owner (subject to unitration filing dated 03/31/2025) Alice MacCodds Carrott | N/A SWN Production Company, LLC Expand Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 *See Letter | 25.00% |
| | Blanche Steger Ellis | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/186 *See Letter | - |
| | Carol R. MacCorkle Fric J. Sagesdorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter 1084/620 | - |
| | George Lawrence Reymann | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/72 *See Letter | - |
| | Glenn R. Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter | - |
| | Joan D. Sagendorph Kurt Richard Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/37 *See Letter 1084/692 | - |
| | Paul W. Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/743 | - |
| | William J. Steger, Jr. | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 *See Letter | - |
| 10-0W53-0201 | Rovally Owner (subject to unitazion filing dated 03/31/2025) Alice MacCodds Carrot | SWN Production Company LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 | 25.00% |
| | Blanche Steger Elfs | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 *See Letter | |
| | Carol B. MacCode | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter | |
| | Eric J. Sagesdomh George Lawrence Reymann | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter 1085/72 | - |
| | Glen R. Sagndoph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 1085/72 *See Letter 1084/655 | - |
| | Joan D. Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/37 *See Letter | |
| | Kur Richard Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter 1084/743 | - |
| | Paul W. Sagendorph William J. Soger, Jr. | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter | - |
| 10-0W53-0214-0001 | Royaly Owner (outpetto unitization filing dated 0331/2025) Alex MacCodde Carnott | | N/A | 1082/675 *See Letter N/A 1085/107 | 25.00% |
| | Akee MacCordie Carrott | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 | - |
| | Carol B. MacCodds | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/1 | - |
| | Eric J. Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/620 *See Letter | - |
| | George Lawrence Reymann | | At least 1/8th per WV Code 22-6-8 | 1085/72 *See Letter | - |
| | Glenn R. Sagndorph Joan D. Sagndorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter 1085/37 | - |
| | Kurt Richard Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/692 | - |
| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC Expand Operating, LLC NA | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/743 *See Letter | - |
| | William J. Steger, Jr. | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1082/675 *See Letter N/A | 25.00% |
| 10-0W53-0213-0000 | Rovahy Owner (subject to unitzation filing dated 03/31/2025) Alke MacCottle Carrott | SWN Production Company, LLC Expand Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | 1085/107 *See Letter | - 25.00% |
| | Banche Steger Ells Carol B. MacContle | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/186 *See Letter 1085/1 | _ |
| | FirJ. Sagndoph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1084/620 | - |
| | George Lawrence Reymann | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/72 *See Letter | - |
| | Glenn R. Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC SWN Production Company, LLC Expand Operating, LLC SWN Production Company LLC | At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter | |
| | Join D. Sagendorph Kurt Richard Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/37 *See Letter 1084/692 | - |
| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter 1084/743 | - |
| | William J. Steger, Jr. | | At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 *See Letter | - |
| 10-0W61-0023 | Royalty Owner (subject to unitization filing dated 03/31/2025) Alice MacCodde Cuarott | Expand Operating, LLC N/A SWN Production Company, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 | - 25.00% |
| | Blanche Steger Ellis | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 *See Letter | - |
| | Carol B. MacCotkie | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter | - |
| | Eric J. Sagesdomh George Lawrence Reymann | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter 1085/72 | - |
| | Glen R. Szgndoph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/655 | - |
| | Joan D. Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/37 *See Letter | |
| | Kart Richard Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Declaration Co. | At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter 1084/743 | - |
| | Paul W. Sagendorph William J. Steger, Jr. | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/743 *See Letter 1082/675 | - |
| 10-0W61-0022-0000 | Rovalny Owner, Owleyet to unitazitori filing dated 03:31/2025) Rovalny Owner, Owleyet date and the State of t | Expand Operating, LLC N/A SWN Production Company, LLC | N/A | *See Letter N/A 1085/107 | 25.00% |
| | Akee MacCodde Carrott Hinche Steger Elfis | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1085/186 | - |
| | Carol B. MacCorkle | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/1 *See Letter | - |
| | Eric J. Sagesdoph | Expand Operating, LLC SWN Podoction Company, LLC Expand Operating, LLC SWN Podoction Company, LLC SWN Podoction Company, LLC SWN Podoction Company, LLC SWN Podoction Company, LLC Expand Operating, LLC SWN Podoction Company, LLC Expand Operating, LLC SWN Podoction Company, LLC | At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter | |
| | George Lawrence Reymann Georn R. Sagondorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, MAR | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1085/72 *See Letter | - |
| | Giena R. Sagndorph | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter 1085/37 | - |
| | Kurt Richard Sagendorph | | At least 1/8th per WV Code 22-6-8 | *See Letter 1084/692 *See Letter | - |
| | Paul W. Sagendorph | Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/743 *See Letter | |
| 10-0W61-0022-0001 | William J. Steger, Jr. Revalue Owner (onliver to mitration films dated 03(1)/20/5) | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1082/675 *See Letter | 25.00% |
| 20-0W 81-0022-0001 | Royaho Owner (subject to unifization fling dated 03/31/2025) Alice MacConde Canvet | N/A SWN Production Company, LLC Expand Operating, LLC | N/A At least 1/8th per WV Code 22-6-8 | N/A 1085/107 *See Letter | - 25,00% |
| | Banche Steger Ells Carol B. MacConte | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/186 *See Letter 1085/1 | |
| | Carol B. MacCorke Frie J. Sagendoph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | *See Letter 1084/620 | - |
| | George Lawrence Reymann | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1085/72 *See Letter | - |
| | Glem R. Sigendoph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter | |
| | Joan D. Sagesdorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | 1085/37 *See Letter | |
| | Kurt Richard Sagendorph Paul W. Sagendorph | SWN Production Company, LLC Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter 1084/743 | - |
| | William J. Steger, Jr. | Expand Operating, LLC SWN Production Company, LLC | At least 1/8th per WV Code 22-6-8 | *See Letter 1082/675 | - |

| David Reinheam MSH 4831 Marchall Gaustry, New Yongina | | | | | | |
|---|--|---|-----------------------------------|-------------------------|---|--|
| | Attached to and made a part of the State of West | t Virginia Oil and Gas Permit Form, WW-6A1, by Expand Operating, LLC., Operator | | | | |
| TMP | LESSOR | LESSEE | ROYALTY | BK/PG | % INTEREST NOT LEASED SWN PRODUCTION COMPA | |
| 10-0W61-0037-0000 | Royalty Owner (subject to unitization filing dated 03/31/2025) | N/A | N/A | N/A | 25.00% | |
| 10-0 W 01-0037-0000 | Alice MacCorkle Carrott | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/107 *See Letter | - 23,00% | |
| | Blanche Steger Ellis | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/186 *See Letter | - | |
| | Carol B. MacCorkie | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/1 *See Letter | - | |
| | Eric J. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/620 *See Letter | - | |
| | George Lawrence Reymann | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/72 *See Letter | - | |
| | Glenn R. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/655 *See Letter | | |
| | Joan D. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1085/37 *See Letter | | |
| | Kurt Richard Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/692 *See Letter | | |
| | Paul W. Sagendorph | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1084/743 *See Letter | - | |
| | William J. Steger, Jr. | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1082/675 *See Letter | - | |
| 01-RB2J-0011-0000 | Carolyn Jo Downer and Robert Michael Downer, wife and husband | SWN Production Company, LLC Expand Operating, LLC | At least 1/8th per WV Code 22-6-8 | 1026/410 *See Letter | 0.00% | |
| Co-tenancy utilization - At least 75% of the royalty owners have consented to the levelapment of the oil or natural gas mineral property on the tract. The interests of the remaining co-tenancts will be second prosant to the Co-Tenancy Modernization and Majority Protection Act. | | | | | | |



SWA Production Company_110 P © Box (2358 Spr 1g, Tuxou 2750) 2553 Www.sWo.com

June 13, 2025

Mr. Charles Brewer Assistant Chief Office of Oil and Gas WVDEP 601 57th St SE, Charleston, WV 25304

Dear Mr. Brewer:

Effective as of October 1, 2024, Expand Operating LLC ("EXEO") and SWN Production Company, LLC ("SWNPC"), both being subsidiaries of Expand Energy Corporation, entered into a Management Services Agreement whereby SWNPC authorized EXEO to perform and act as its agent for the purpose of performing certain management services (the "Agreement"). Such Agreement was provided to your office prior to this letter. By entering into the Agreement, it was the intent of SWNPC (i) to grant EXEO the right to extract, produce and market SWNPC's oil and gas, among other rights, and (ii) that the Agreement satisfy the requirements of West Virginia Code §22-6-8(c).

Best regards,

) m J

David Wildes Managing Counsel – Southwest Appalachia SWN Production Company, LLC

MANAGEMENT SERVICES AGREEMENT

This MANAGEMENT SERVICES AGREEMENT (this "Agreement") is entered into on January 1, 2025, but made effective as of October 1, 2024 (the "Effective Date"), by and among Expand Operating LLC, an Oklahoma limited liability company (the "Manager"), SWN Production Company, LLC, a Texas limited liability company ("SWN Production"), SWN Production (Louisiana), LLC, a Texas limited liability company ("SWN Louisiana"), SWN Midstream Services Company, LLC, a Texas limited liability company ("SWN Midstream"), SWN International, LLC, a Delaware limited liability company ("SWN International"), A.W. Realty Company, LLC, a Delaware limited liability company ("SWN International"), A.W. Realty Company, LLC, a Delaware limited liability company ("A.W."), Expand Water Resources Company LLC, a Texas limited liability company ("A.W."), Expand Water Resources Company LLC, a Texas limited liability company ("Expand Water"), SWN E&P Services, LLC, a Texas limited liability company (SWN E&P", and together with SWN Production, SWN Louisiana, SWN Midstream, SWN International, A.W. and Expand Water, the "Companies"), and the undersigned direct and indirect subsidiaries of the Companies (each, individually, a "Subsidiary", and, collectively, the "Subsidiaries" and, together with the Companies, the "Company Group"). Manager, the Companies and each Subsidiary may be referred to herein, individually, as a "Party" and, collectively, as the "Parties."

RECITALS

WHEREAS, the Company Group collectively owns and operates certain oil and gas, midstream and other properties and businesses;

WHEREAS, the Company Group desires to have the Manager perform, and the Manager desires to perform for and on behalf of the Company Group, the Management Services as more fully set forth herein and in accordance with the terms and conditions hereof; and

WHEREAS, the Company Group desires to formally engage the Manager as its agent for the purpose of performing the Management Services;

NOW, THEREFORE, in consideration of the premises and the mutual covenants, conditions and agreements contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. <u>Definitions and References</u>. Capitalized terms used throughout this Agreement including the Recitals above and not defined in *Section 1.1* below shall have the respective meanings ascribed to them elsewhere in this Agreement.

1.1. <u>Definitions</u>. The following terms have the respective meanings given in this *Section 1.1* or in the Section referred to below:

"*Affiliate*" means, with respect to any Person, any other Person that directly or indirectly (through one or more intermediaries or otherwise) Controls, is Controlled by, or is under common Control with the first Person, *provided*, however, the Parties specifically acknowledge and agree that for purposes of this Agreement, (a) the Manager will not be deemed to be an Affiliate of any member of the Company



March 24, 2025

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

RE: Expand's proposed New Well: David Reinbeau MSH 405H in Marshall County, West Virginia, Drilling under Willow Drive, Henry Ave, Ruby Ave, and Flynn Ave.

Dear Mr. Brewer:

Expand Operating LLC ("Expand") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to Expand's right to drill under Willow Drive, Henry Ave, Ruby Ave, and Flynn Ave. Please be advised that Expand has leased all mineral owners under said route as it relates to the above-referenced well and unit

Respectfully,

Expand Operating LLC

NI

Gavin Nadeau, RPL Staff Landman

RECEIVED Office of Oil and Gas

MAY 07 2025

WV Department of Environmental Protection



WW-6AC (1/12) 4705102557

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

Date of Notice Certification:

Notice has been given:

API No. 47-051 -Operator's Well No. David Reinbeau MSH 405H Well Pad Name: David Reinbeau MSH

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 | LITM NAD 02 | Easting: | 528,899.613 | |
|--|---------------------------------|---------------------|---------------------------|--------------------|--|
| County: | 051-Marshall | UTM NAD 83 | Northing: | 4,427,004.180 | |
| District: Quadrangle: Watershed: | Union | Public Road Access: | | Sorghum Ridge Road | |
| | Moundsville | Generally used f | Generally used farm name: | | |
| | Hollidays Run of Wheeling 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 subsection ten of this article have been completed by the applicant.

| Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following: | OOG OFFICE USE |
|---|---------------------------|
| *PLEASE CHECK ALL THAT APPLY | ONLY |
| □ 1. NOTICE OF SEISMIC ACTIVITY or ■ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED | RECEIVED/ |
| ■ 2. NOTICE OF ENTRY FOR PLAT SURVEY or □ NO PLAT SURVEY WAS CONDUCTED | RECEIVED |
| ■ 3. NOTICE OF INTENT TO DRILL or DINOTICE 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 | RECEIVED |
| 5 . PUBLIC NOTICE | T RECEIVED |
| ■ 6. NOTICE OF APPLICATION | T 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 very very the return receipt card or other postal receipt for certified mailing.

MAY 07 2025

WV Department of Environmental Protection 06/20/2025

Certification of Notice is hereby given:

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: | Expand Operating LLC | Address: | 1300 Fort Pierpont Dr., Suite 201 |
|--|-----------------------------|----------------------------------|--|
| By: | Brittany Woody | | Morgantown, WV 26508 |
| Its: | Staff Regulatory Specialist | Facsimile: | 304-884-1690 |
| Telephone: | 304-884-1610 | Email: | Brittany.Woody@expandenergy.com |
| NOTARY PUBLIC STATE OF WEST VIRGINIA Elizabeth Blankenship | | scribed and swo Commission E: | orn before me this <u>35</u> day of <u>March 3035</u> Notary Public xpires <u>63300000</u> |

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

MAY 07 2025

WV Department of Environmental Protection
WW-6A (9-13)

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

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

| | e of Notice: 5 | Date Permit Applie | cation Filed: 511 |
|----------------------------------|---|---|---|
| \checkmark | PERMIT FOR AN | Y CERTI | FICATE OF APPROVAL FOR THE |
| | WELL WORK | CONS | TRUCTION OF AN IMPOUNDMENT OR PIT |
| Deli | very method pursu | ant to West Virginia | Code § 22-6A-10(b) |
| | PERSONAL | REGISTERED | METHOD OF DELIVERY THAT REQUIRES A |
| | SERVICE | MAIL | RECEIPT OR SIGNATURE CONFIRMATION |
| certi regis sedin the s | ficate of approval for tered mail or by any nent control plan req urface of the tract on | r the construction of an i method of delivery that juired by section seven o which the well is or is p | than the filing date of the application, the applicant for a permit for any well w mpoundment or pit as required by this article shall deliver, by personal service requires a receipt or signature confirmation, copies of the application, the eros f this article, and the well plat to each of the following persons: (1) The owner proposed to be located; (2) The owners of record of the surface tract or tracts o posed well work, if the surface tract is to be used for roads or other land distur |

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

ork or for a e or by sion and rs of record of overlying the bance 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: Shelley & David Reinbeau | Name: ACNR | |
| Address: 651 Sorghum Ridge Road | Address: 46226 National Road | RECEIVED |
| Wheeling, WV 26003 | St. Clairsville OH 43950 | Office of Oil and Gas |
| Name: | COAL OPERATOR | |
| Address: | Name: | MAY 07 2025 |
| (1) M. South and the state of the state o | Address: | |
| □ SURFACE OWNER(s) (Road and/or Other Disturbance) | and the second | WV Department of |
| Name: | SURFACE OWNER OF WATER WELL | Environmental Protection |
| Address: | AND/OR WATER PURVEYOR(s) | |
| | Name: See Attachment 13A | |
| Name: | Address: | |
| Address: | and the first management of the second s | and the second second |
| | OPERATOR OF ANY NATURAL GAS STOR | AGE FIELD |
| □ SURFACE OWNER(s) (Impoundments or Pits) | Name: | |
| Name: | Address: | |
| Address: | | |
| | *Please attach additional forms if necessary | V-{ |

WW-6A (9-13)

Well Pad Name: David Reinbeau MSH STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

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

| | e of Notice: 5/1 | _ Date Permit Applica | ation Filed: 5 |
|----------------|---|---|--|
| 7 | PERMIT FOR AN WELL WORK | | ICATE OF APPROVAL FOR THE RUCTION OF AN IMPOUNDMENT OR PIT |
| Deli | very method pursu | ant to West Virginia C | ode § 22-6A-10(b) |
| | PERSONAL SERVICE | REGISTERED MAIL | METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION |
| certi regis | ficate of approval for stered mail or by any | the construction of an im method of delivery that re | an the filing date of the application, the applicant for a permit for any well work or for a poundment or pit as required by this article shall deliver, by personal service or by equires a receipt or signature confirmation, copies of the application, the erosion and 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: | Name: C/O Leatherwood Inc | |
| Address: | Address: 1000 Consol Energy Drive | |
| | Canonsburg PA 15317 | RECEIVED |
| Name: | COAL OPERATOR | Office of Oil and Gas |
| Address: | Name: | MAY OF DOOR |
| | Address: | — MAY 07 2025 |
| □ SURFACE OWNER(s) (Road and/or Other Disturbance) | | MA/ Devel |
| Name: | □ SURFACE OWNER OF WATER WELL | WV Department of Environmental Protection |
| Address: | AND/OR WATER PURVEYOR(s) | |
| | Name: | |
| Name: | Address: | |
| Address: | and the second se | |
| | OPERATOR OF ANY NATURAL GAS S | FORAGE FIELD |
| □ SURFACE OWNER(s) (Impoundments or Pits) | Name: | |
| Name: | Address: | |
| Address: | | |
| | *Please attach additional forms if necessary | |

WW-6A (8-13) API NO. 47-051 5 10255 7 OPERATOR WELL NO. David Reinbeau MSH 405H Well Pad Name: David Reinbeau MSH

MAY 07 2025

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 RECEIVED wy.gov/oiland-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured how of the measured how of water well or developed spring used for human or domestic animal consumption. The center of well pathonic has present on this 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) API NO. 47-051 - David Reinbeau MSH 405H

Well Pad Name: David Reinbeau MSH

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

MAY 07 2025

WV Department of Environmental 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)

Time Limits and Methods for Filing Comments.

API NO. 472051 5 1 0 2 5 5 7 OPERATOR WELL NO. David Reinbeau MSH 405H Well Pad Name: David Reinbeau MSH

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;RECEIVED(2) The plan for soil erosion and sediment control is not adequate or effective;Office of Oil and Gas(3) Damage would occur to publicly owned lands or resources; orMAY 07 2025

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit be the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizof a brize the secretary 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.

| W W-6A | API NO. 47- 051 |
|--|--|
| (8-13) | OPERATOR WELL NO. David Reinbeau MSH 410H |
| | Well Pad Name: David Reinbeau MSH |
| Notice is hereby given by: | |
| Well Operator: Expand Operating LLC | Address: 1300 Fort Pierpont Dr., Suite 201 |
| Telephone: 304-884-1610 | Morgantown, WV 26508 |
| Email: Brittany.Woody@expandenergy.com | Facsimile: 304-884-1690 |
| 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 25 day of March 2025 | 5. |
|--|----|
| Mutthe Kaulelle Notary Publi | |
| My Commission Expires_6/23/2029 | _ |

RECEIVED Office of Oil and Gas

4705102557

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WV Department of Environmental Protection



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.



| Attachment 13A | | 4 | V 5 1 | 020 |
|------------------------------------|----------------------|------------------------|----------|-------|
| OWNER | Parcel ID | Address | City | State |
| REINBEAU SHELLY A & DAVID W | 25-13-0008-0029-0000 | 651 Sorghum Ridge Road | Wheeling | WV |
| MCCOMBS JOHN A SR, THOMAS E & BETH | 25-13-0008-0026-0000 | 423 SORGHUM RIDGE RD | Wheeling | WV |

RECEIVED Office of Oil and Gas

MAY 07 2025

WV Department of Environmental Protection

Operator Well No. DAVID REINBEALD N

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: 04/11/2025

 Date Permit Application Filed:

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: | David & Shelly Reinbeau | Name: |
|----------|-------------------------|----------|
| Address: | 651 Sorghum Ridge Road | Address: |
| | Wheeling, WV 26003 | |
| | | |

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 the enter of land as follows: Office of Oil and Gas

| State: | West Virginia | LITMANIAD 02 | Easting: | 528,889.613 | |
|-------------|--|------------------|------------|----------------|--------------------------|
| County: | Marshall | UTM NAD 83 | Northing: | 4,427,004.180 | MAY 07 2025 |
| District: | Union | Public Road Ac | cess: | Sorghum Ridge | E VLU |
| Quadrangle: | Moundsville, WV | Generally used t | farm name: | David Reinbeau | WV Department of |
| Watershed: | Hollidays Run of Wheeling Creek (HUC010) | | | | Environmental Protection |

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 <u>www.dep.wv.gov/oil-and-gas/pages/default.aspx</u>.

Notice is hereby given by:

| Well Operator: | Expand Energy Company, LLC | Authorized Representative: | Steven Pauley |
|----------------|-----------------------------------|----------------------------|-----------------------------------|
| Address: | 1300 Fort Pierpont Dr., Suite 201 | Address: | 1300 Fort Pierpont Dr., Suite 201 |
| | Morgantown, WV 26508 | | Morgantown, WV 26508 |
| Telephone: | (304) 209-5685 | Telephone: | (304) 209-5685 |
| Email: | steve.pauley@expandenergy.com | Email: | steve.pauley@expandenergy.com |
| Facsimile: | | 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>.



WW-6A5 (1/12)

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: 04/11/2025 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: David & Shelly Reinbeau | Name: | |
|---------------------------------|----------|--|
| Address: 651 Sorghum Ridge Road | Address: | |
| Wheeling, WV 26003 | | |
| | | |

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 | | Easting: | 528,899.613 | RECEIVED |
|-------------|--|------------------|-----------|----------------|--------------------------|
| County: | Marshall | UTM NAD 83 | Northing: | 4,427,004.180 | Office of Oil and Gas |
| District: | Union | Public Road Acc | cess: | Sorghum Ridge | MAY 07 2025 |
| Quadrangle: | Moundsville, WV | Generally used f | arm name: | David Reinbeau | WAI 07 2025 |
| Watershed: | Hollidays Run of Wheeling Creek (HUC010) | | | | WV Department of |
| This Notice | Shall Include: | | | | Environmental Protection |

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 www.dep.wv.gov/oil-andgas/pages/default.aspx.

| Well Operator: | Expand Energy Company, LLC | Address: | 1300 Fort Pierpont Dr., Suite 201 | | |
|----------------|-------------------------------|------------|-----------------------------------|--|--|
| Telephone: | (304) 209-5685 | | Morgantown, WV 26508 | | |
| Email: | steve.pauley@expandenergy.com | Facsimile: | 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.

06/20/2025



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

1900 Kanawha Boulevard East • Building Five • Room 109Michael J. DeMersCharleston, West Virginia 25305-0440 • (304) 558-0444Deputy Secretary of Transportation

Stephen T. Rumbaugh, P.E. Secretary of Transportation Commissioner of Highways

May 2, 2025

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 David Reinbeau Well Pad, Marshall County David Reinbeau MSH 205H Well Site David Reinbeau MSH 405H Well Site David Reinbeau MSH 210H Well Site David ReinbeauMSH 410H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2013-0029 which has been transferred to Expand Operating, LLC for access to the State Road for a well site located off Marshall County Route 88/2 SLS MP 0.84.

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 OILBECEIVED AND GAS POLICY dated March 6, 2023. This letter is valid for permitting purposes for ^{of Oil} and Gas one year from the date of this letter. MAY 07 2025

Very Truly Yours,

WV Department of Environmental Protection

Lacy D. Pratt Central Office O&G Coordinator

Cc: Brittany Woody Expand Operating, LLC OM, D-6 File

Attachment VI Frac Additives

| HCL | Solvent | Hydrochloric Acid | 7647-01-0 |
|---------------------|---------------------|--|---|
| | | Water | 7732-18-5 |
| STI-CI-02 | Corrosion Inhibitor | 2-Butoxyethanol | 111-76-2 |
| | | Ethylene glycol | 107-21-1 |
| | | N,N-Dimethylformamide | 68-12-2 |
| | | benzyl chloridequaternized | 72480-70-7 |
| | | Cinnamaldehyde | 104-55-2 |
| | | Isopropyl alcohol | 67-63-0 |
| | | Poly(oxy-1,2-ethanediyl), .alpha(nonylphenyl)omegahydroxy- | 9016-45-9 |
| | | 1-Decanol | 112-30-1 |
| | | 1-Octanol | 111-87-5 |
| | | Triethyl phosphate | |
| erriplex 80 | Iron Control | Sodium Erythorbate | 78-40-0 |
| olicide 4Frac | Biocide | | 6381-77-7 |
| Unclue 411ac | biocide | Tetrakis(Hydroxymethyl) Phosphonium Sulfate | 55566-30-8 |
| | | Quaternary ammonium compounds | 68424-85-1 |
| | | Ethanol | 64-17-5 |
| | | Water | 7732-18-5 |
| lexslick 930 | Friction Reducer | Hydrotreated Petroleum Distillate | 64742-47-8 |
| | | Water | 7732-18-5 |
| | | copolymer of 2-propenamide | 69418-26-4 |
| | | Oleic Acid Diethanolamide | 93-83-4 |
| | | Alcohol Ethoxylate Surfactants | 68551-12-2 |
| | | Ammonium Chloride | 12125-02-9 |
| | | Sodium Chloride | 7647-14-5 |
| lexaid 655NM | Scale Inhibitor | ORGANIC PHOSPHONIC ACIDS SALTS | 15827-60-8 |
| | | Water | 7732-18-5 |
| lexslick V996 | Friction Reducer | Hydrotreated Petroleum Distillate | 64742-47-8 |
| | Theorem theorem | Water | |
| | | | 7732-18-5 69418-26-4 68551-12-2 RECEIVED Office of Oil and Ga |
| | | copolymer of 2-propenamide | 69418-26-4 Office of Oil and G |
| | | Alcohol Ethoxylate Surfactants | 68551-12-2 |
| | C 1 1 1 1 1 | Sodium Chloride | 7647-14-5 MAY 07 2025 |
| lexaid 655WG | Scale Inhibitor | ORGANIC PHOSPHONIC ACIDS SALTS | 15827-60-8 |
| | | Water | 7732-18-5 WV Department of 67-56-1 Environmental D |
| | | Glycerin | 67-56-1 Environmental Protection |
| learal 270 | Biocide | Glutaraldehyde | 111-30-8 |
| | | Didecyldimethylammonium Chloride | 7173-51-5 |
| | | Quaternary Ammonium compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides | 68424-85-1 |
| | | Ethanol | 64-17-5 |
| | | Water | 7732-18-5 |
| timSTREAM SC 398 CW | Scale Inhibitor | Ethylene glycol | 107-21-1 |
| | | CHEMSTREAM-Polymer-10001 | CHEMSTREAM-Polymer-10001 |
| | | CHEMSTREAM-Polymer-10002 | CHEMSTREAM-Polymer-10002 |
| | | Water | 7732-18-5 |
| timSTREAM FR 9800 | Friction Reducer | Chemstream-Alkane-00001 | Chemstream-Alkane-00001 |
| | in neutron neutron | Chemstream-Polymer-00001 | |
| | | | Chemstream-Polymer-00001 |
| | | Ethoxylated alcohols (C12-16) | 68551-12-2 |
| | Falation Deduces | Water | 7732-18-5 |
| timSTREAM FR 2800 | | Distillates (petroleum), hydrotreated light | 64742-47-8 |
| | | Alcohols, C11-14-iso, C13-rich, ethoxylated | 78330-21-9 |
| | | Water | 7732-18-5 |
| timSTREAM FR 9725 | Friction Reducer | Distillates (petroleum), hydrotreated light | 64742-47-8 |
| | | Ammonium Chloride | 12125-02-9 |
| | | Water | 7732-18-5 |
| timSTREAM SC 398 C | Scale Inhibitor | CHEMSTREAM-Polymer-10001 | CHEMSTREAM-Polymer-10001 |
| | | CHEMSTREAM-Polymer-10002 | CHEMSTREAM-Polymer-10002 |
| | | | |

As of 7/5/2023

1

06/20/2025

WW-6A7 (6-12)

06/20/2025

OPERATOR: Expand Operating LLC

WELL NO: David Reinbeau MSH 405H

PAD NAME: David Reinbeau MSH

REVIEWED BY:

SIGNATURE

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

| Well Restrict | ions * Pad Built 4/17/13 | |
|---------------|--|---|
| | t Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any erennial Stream, Lake, Pond, Reservoir or Wetland; OR | |
| | DEP Waiver and Permit Conditions | |
| | t Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Vaturally Producing Trout Stream; OR | |
| | DEP Waiver and Permit Conditions | |
| | t Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any froundwater Intake or Public Water Supply; OR | RECEIVED Office of Oil and Gas |
| | DEP Waiver and Permit Conditions | MAY 07 2025 |
| A D | t Least 250 Feet from an Existing Water Well or Developed Spring to Well Being prilled; OR | WV Department of ironmental Protection |
| | Surface Owner Waiver and Recorded with County Clerk, OR | |
| | DEP Variance and Permit Conditions | |
| A | t Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR | |
| L | Surface Owner Waiver and Recorded with County Clerk, OR | |
| | DEP Variance and Permit Conditions | |
| | t Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the f the Pad; OR | Center |
| | Surface Owner Waiver and Recorded with County Clerk, OR | |
| | DEP Variance and Permit Conditions | |