

west virginia department of environmental protection

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

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

Friday, September 2, 2022 WELL WORK PERMIT Horizontal 6A / New Drill

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

Re: Permit approval for YOCUM MSH 6H 47-051-02463-00-00

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

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

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

James A. Martin Chief 14

Operator's Well Number: YOCUM MSH 6H Farm Name: YOCUM, JOSEPH LEE & MIG U.S. WELL NUMBER: 47-051-02463-00-00 Horizontal 6A New Drill Date Issued: 9/2/2022

Promoting a healthy environment.

PERMIT CONDITIONS

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

CONDITIONS

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

API Number:

4

PERMIT CONDITIONS

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

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WW-6B API NO. 47- Common Comm	
Well Pad Name: Yocum MSH	
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION	ĩ
1) Well Operator: SWN Production Co., LLC 494512924 051-Marshal 07-Libert 438-Littleton Operator ID County District Quadrangle	
2) Operator's Well Number: Yocum MSH 6H Well Pad Name: Yocum MSH	
3) Farm Name/Surface Owner: Joseph Lee & Michael D. Yocum Public Road Access: Amos Hollow Road	
4) Elevation, current ground: 1053' Elevation, proposed post-construction: 1053'	
5) Well Type (a) Gas X Oil Underground Storage	
Other	
(b)If Gas Shallow X Deep	
6) Existing Pad: Yes or No Yes MJK 6/16/2600	
 6) Existing Pad: Yes or No Yes 7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s): Target Formation- Marcellus, Down-Dip well to the South, Target Top TVD- 7258', Target Base TVD- 7301', Anticipated Thickness- 43', Associated Pressure- 474 	6
8) Proposed Total Vertical Depth: 7285'	
9) Formation at Total Vertical Depth: Marcellus	
10) Proposed Total Measured Depth: 21979'	
11) Proposed Horizontal Leg Length: 14325.36'	
12) Approximate Fresh Water Strata Depths: 437'	
13) Method to Determine Fresh Water Depths: Salinity profile calculations from logs on Yocum MSH 1H 47-051-0	2133
14) Approximate Saltwater Depths: 986'- Salinity Profile calculations from logs on the Yocum MSH 1H 47-051-0	2133
15) Approximate Coal Seam Depths: 881'	
16) Approximate Depth to Possible Void (coal mine, karst, other): <u>None that we are aware of</u> .	
17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No	
(a) If Yes, provide Mine Info: Name:	
Depth: Office of Oil and Gas	
Seam: JUI 2 0 2022	
Owner: <u>WV Department of</u> Environmental Protection	

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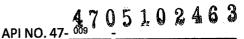
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WW-6B (04/15)

OPERATOR WELL NO. Yocum MSH 6H Well Pad Name: Yocum MSH

18)

CASING AND TUBING PROGRAM

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ТҮРЕ	<u>Size</u> (in)	<u>New</u> or Used	Grade	<u>Weight per ft.</u> (lb/ft)	<u>FOOTAGE: For</u> <u>Drilling (ft)</u>	INTERVALS: Left in Well (ft)	<u>CEMENT:</u> <u>Fill-up</u> (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	126'	126'	CTS
Fresh Water	13 3/8"	New	H-40	48#	530'	530'	512 sx/CTS
Coal	See	Interm	Casing				
Intermediate	9 5/8"	New	J/K-55	36/40#	2430'	2430'	851 sx/CTS
Production	5 1/2"	New	P-110 HP	20#	21979'	21979'	lead 4008sx/Tail 1860sx/ 100' inside inter
Tubing							
Liners							

MgK 6/16/2022

ТҮРЕ	Size (in)	<u>Wellbore</u> <u>Diameter (in)</u>	<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"	0.380	2730	633	Class A	1.20/30% Excess
Coal	See	Interm	Casing				
Intermediate	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/40% Excess
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/5% Excess
Tubing							
Liners							

PACKERS

Kind:			
Sizes:			
Depths Set:	0	RECEIVED	

JUL 2 0 2022

WV Department of **Environmental Protection**

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

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

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

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

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 27.93

22) Area to be disturbed for well pad only, less access road (acres): 16.97

23) Describe centralizer placement for each casing string:

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

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

See Attachment ***

25) Proposed borehole conditioning procedures:

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

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*Note: Attach additional sheets as needed.

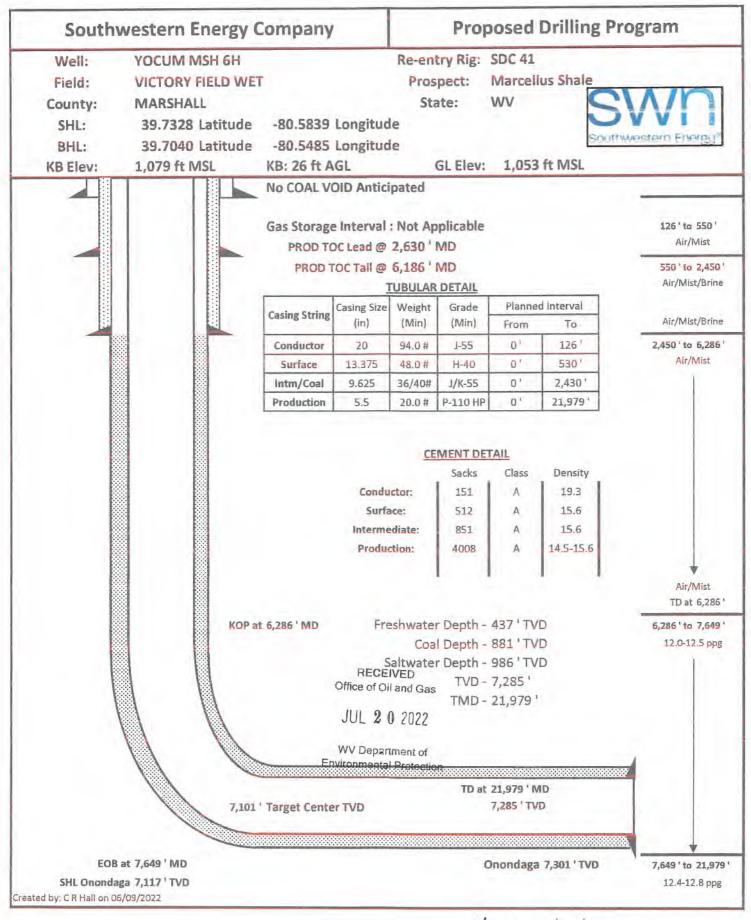


			CEMENT A	ADDITIVES		
INTERVAL	SCHLUMBERGER PRODUCT NAME	BJ PRODUCT NAME	NEXTIER PRODUCT NAME	PRODUCT USE	CHEMICAL NAME	CAS-Number
SURFACE (FRESHWATER)	\times	INTEGRA SEAL	CJ600	LOST CIRC MATERIAL	CELLOPHANE FLAKES	9005-81-6
up to 3%	S001	A-7P	CJ110	ACCELERATOR	CALCIUM CHLORIDE	10043-52-4
COAL PROTECTION	\ge	INTEGRA SEAL	CJ600	LOST CIRC MATERIAL	CELLOPHANE FLAKES	9005-81-6
up to 3%	S001	A-7P	CJ110	ACCELERATOR	CALCIUM CHLORIDE	10043-52-4
	D020	BENTONITE	CJ020	EXTENDER	BENTONITE	1302-78-9
	D047	FP 28L	\succ	LIQUID ANTIFOAM AGENT	POLYPROPYLENE GLYCOL	25322-69-4
INTERMEDIATE	\ge	INTEGRA SEAL	CJ600	LOST CIRC MATERIAL	CELLOPHANE FLAKES	9005-81-6
	CemNet		\ge	LOST CIRC MATERIAL	COATED FIBERGLASS FIBERS	PROPRIETAR
	SUGAR	SUGAR	CJ795	CMT RETARDER	SUCROSE	57-50-1
	S001	A-7P	CJ110	ACCELERATOR	CALCIUM CHLORIDE	10043-52-4
	\geq	$>\!$	CJ111	ACCELERATOR	SODIUM CHLORIDE	7440-23-5
	\ge	SS-11W	CI880	SURFACTANT	NONIONIC SURFACTANT	6540-99-4
	D047	FP 28L	\times	LIQUID ANTIFOAM AGENT	POLYPROPYLENE GLYCOL	25322-69-4
	\ge	\ge	CJX157011	SOLID ANTIFOAM AGENT	FULLERS EARTH(ATTAPULGITE)	8031-18-3
	\ge	$\boldsymbol{\times}$	CJ540	HP FLUID LOSS ADDITIVE	ALIPHATIC AMIDE POLYMER	PROPRIETAR
PRODUCTION	D255	\ge	\times	MED TEMP FLUID LOSS ADDITIVE	POLYACRILIC POLYMER	PROPRIETAR
	> <	\sim	CJ213	RETARDER	CHRYSTALLINE SILICA	14808-60-7
	\geq	FL-66	CJ501	LOW TEMP FLUID LOSS ADD	POWDERED POLYSACCHARIDE	PROPRIETAR
	>	BENTONITE	CJ020	EXTENDER	BENTONITE	1302-78-9
	D208	ASA-301	\times	VISCOSIFIER/ANTI- SETTLING AGENT	REFINED POLYMER/ CHRYSTALLINE SILICA	PROPRIETARY
	D198	R-3		CEMENT RETARDER	LIGNIN	8068-51-6
	SUGAR	SUGAR	CJ795	CEMENT RETARDER	SUCROSE	57-50-1

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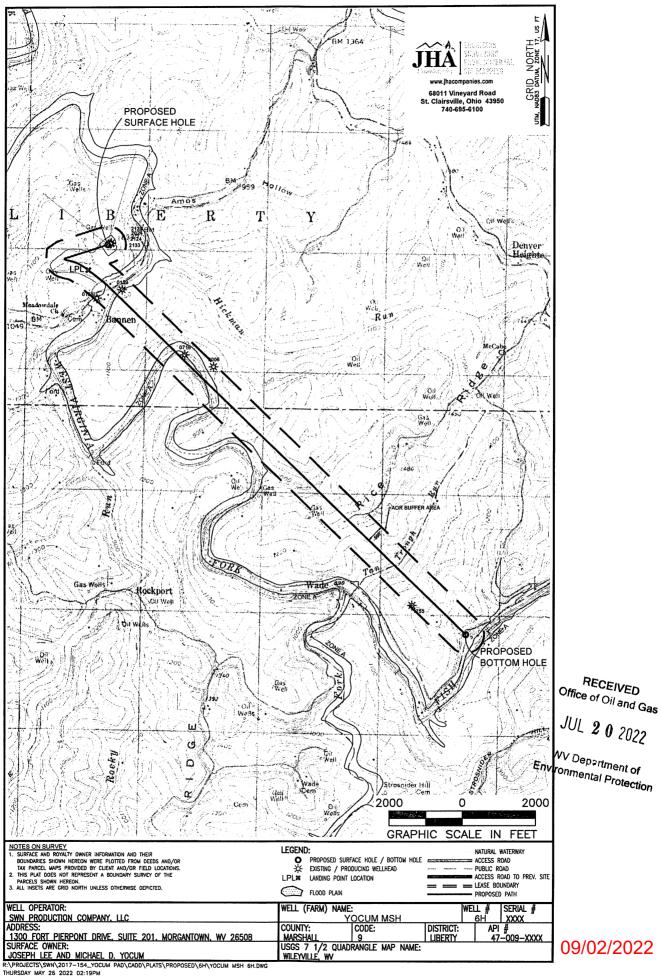
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MJK 6/16/2022 09/02/2022

	Yocum MSH 6H AOR						
API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
51-02125	SWN PRODUCTION COMPANY	ACTIVE	39.732972	-80.583495	21037'	Marcellus	Big Injun, Maxton Sand
51-02024	SWN PRODUCTION COMPANY	ACTIVE	39.732954	-80.583522	18518'	Marcellus	Big Injun, Maxton Sand
51-02124	SWN PRODUCTION COMPANY	ACTIVE	39.732936	-80.583549	18470'	Marcellus	Big Injun, Maxton Sand
51-02133	SWN PRODUCTION COMPANY	ACTIVE	39.732919	-80.583576	19465'	Marcellus	Big Injun, Maxton Sand
051-00716	HORNER OIL AND GAS PRODUCTION, INC.	ABANDONED	39.724690	-80.576194			
051-00006	UNKNOWN	PLUGGED	39.723819	-80.573379	1523'	Salt Sand	Big Dunkard, Little Dunkard,
051-00326	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.729480	-80.582388	2125'	Big Injun	Maxton Sand, Pittsburgh Coal
051-00159	UNKNOWN	PLUGGED	39.728821	-80.584841	2866'	Slate and Shells	Gordon Sand
103-01755	Chevron Appalachia LLC	ACTIVE	NOT AVAILABLE	NOT AVAILABLE	14847'	Marcellus	Big Injun, Maxton Sand
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WW-9		
(4/16)	API Number 47 - 051 -	
STAT	Operator's Well No. Yocum MSH 6H	
	F ENVIRONMENTAL PROTECTION	
	FICE OF OIL AND GAS	
FLUIDS/ CUTTING	S DISPOSAL & RECLAMATION PLAN	
Operator Name_SWN Production Co., LLC	OP Code 494512924	
Watershed (HUC 10) Upper Ohio South	Quadrangle Littleton	-
Do you anticipate using more than 5,000 bbls of water to Will a pit be used? Yes No 🗸	o complete the proposed well work? Yes 🔽 No 🗌	-
If so, please describe anticipated pit waste:		
	No 🚺 1f so, what ml.?	
Will a synthetic liner be used in the pit? Yes		
Proposed Disposal Method For Treated Pit Wa	stes:	
Land Application	The International Excitition	
Underground Injection (UIC Reuse (at API Number At the	Permit Number Various Approved Facilities	
	rm WW-9 for disposal location)	
 Other (Explain recovery and 		
Will closed loop system be used? If so, describe: Yes-	See Attachment 3A	_
Drilling medium anticipated for this well (vertical and h	orizontal)? Air, freshwater, oil based, etc. Ar anti to KOP, tiud ant with SOBM from	n KOP to TD
-If oil based, what type? Synthetic, petroleum,	etc. Synthetic Oil Base	
Additives to be used in drilling medium? Attachment 3B		_
Drill cuttings disposal method? Leave in pit, landfill, re	moved offsite, etc. landfill	
-If left in pit and plan to solidify what medium	will be used? (cement, lime, sawdust)	
-Landfill or offsite name/permit number? Mead Apex Sanitary Landfill Ub-U8438, Brooke C	owfill SWF-1032, Short Creek SWF-1034,Carbon Limestone MSWL018781, Wetzel Cou	inty 1021
	il and Gas of any load of drill cuttings or associated waste rejecte rovided within 24 hours of rejection and the permittee shall also c	
I certify that I understand and agree to the term on August 1, 2005, by the Office of Oil and Gas of the V provisions of the permit are enforceable by law. Viola law or regulation can lead to enforcement action.	ns and conditions of the GENERAL WATER POLLUTION PER Vest Virginia Department of Environmental Protection. I underst tions of any term or condition of the general permit and/or othe rsonally examined and am familiar with the information submi	tand that t er applical

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. RECEIVED

Company Official Signature Kuttanus Woody	Office of Oil and Gas
Company Official (Typed Name) Brittany Woody	JUL 2 0 2022
Company Official Title Senior Regulatory Analyst	WV Dep-riment of Environmental Protection
Subscribed and sworn before me this 1st day of June,	20 22
My commission expires 8/21/2024	REID CROFT Notary Public Official Seal State of West Virginia My Comm. Expires Aug 21, 2024 47 Sparrow Land My Janowy W 2508

Form	W	W	-9
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Operator's Well No. Yocum MSH 6H

SWN Production Co., LLC

oposed Revegetation Treatment: Acres Disturb	Prevegetation pH	[
Lime Tons/acre or to	correct to pH		
Fertilizer type 10-20-20			
Fertilizer amount 600/500	lbs/acre		
MulchHay/Straw	Tons/acre		
	Seed Mixtures		
Temporary		Perma	nent
Seed Type Ibs/acre Attachment 3C		Seed Type	lbs/acre

Photocopied section of involved 7.5' topographic sheet.

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Plan Approved by: Marpu Kn W	
Comments:	
	RECEIVED Office of Oil and Gas
	JUL 2 0 2022
	WV Departmont
	Environmental Protection
Title: Oil & Gas Inspector	Date: 6/16/2027
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 several sets of a shale gas separator (often called a 'methana'), several banks of solids shakers, high speed centrifuges (1 or 2) used to process the fluid portion of the mud system to remove low gravity solids, low speed centrifuge used for barite recovery in high weight liquid drilling systems, a dewatering system (for air intervals and if freshwater mud systems are in use) used to further clean liquids by flocculation and additional mechanical separation, associated open top tanks for processing liquids and capturing solids for disposal, and transfer pumps to move fluids through the processes. There is an area adjacent to the cuttings tanks (Red Zone) where a track hole is utilized to recover the processed cuttings for loading into containers for hauloff. (See attached schematic of a generic closed loop system layout)

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

AIR DRILLING INTERVALS

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

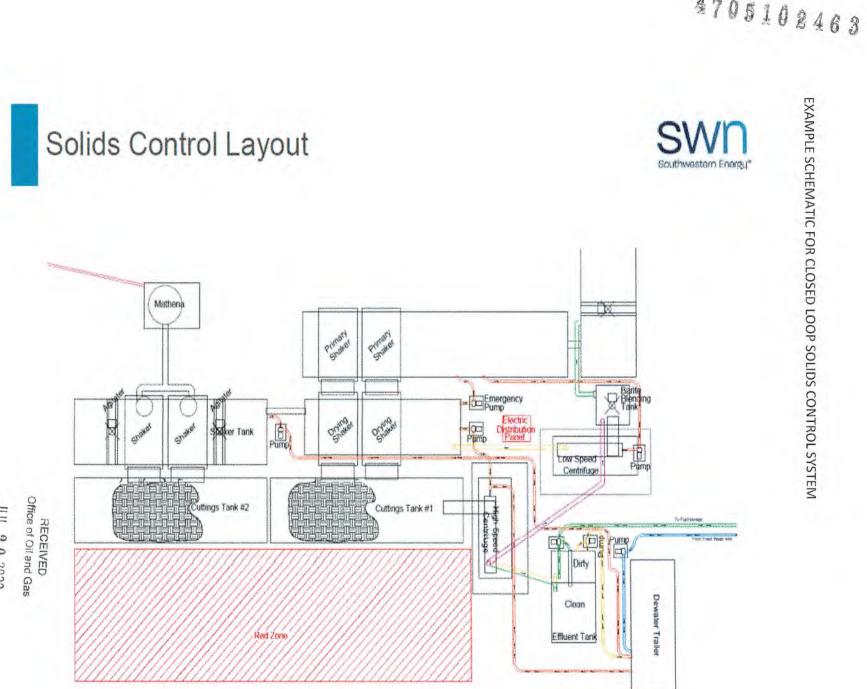
LIQUIDS DRILLING (FRESHWATER, BRINE, SOBM)

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

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Attachment 3B

Drilling Mediums

Surface/Coal(if present)/Freshwater Intervals:

Air

Freshwater (if needed based on conditions)

Intermediate/Coal (if present):

Air

Production Hole:

Air

Synthetic Oil (Base Fluid for mud system)

Barite

Calcium Chloride

Lime

Organophilic Bentonite

Primary and Secondary Emulsifiers

Gilsonite

Calcium Carbonate

Friction Reducers

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4705102463 Attachment 3C WVD Seeding Specification Southwestern Energy To Order Seed contact Lyndsi Eddy Flippo office 570-996-4271 cell 501-269-5451 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 Organic 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% Organic Red or White Clover 50% Medium Red Clover 5% All legumes are Apply @ 100lbs per acre Apply @ 200lbs per acre White Clover innoculated at 5x normal 5% April 16th-Oct. 14th Oct. 15th- April 15th rate **Birdsfoot Trefoil** 5% **Rough Bluegrass** 5% Organic Fertilizer @ 200lbs per Acre Pelletized Lime @ 2 Tons per Acre Apply @ 200lbs per acre Apply @ 100lbs per acre Oct. 15th- April 15th PLUS April 16th- Oct. 14th 50lbs per acre of Winter Wheat WETLANDS (delineated as jurisdictional wetlands) SOIL AMENDMENTS Seed Mixture: Wetland Mix SWN Supplied 10-20-20 Fertilizer *Apply @ 500lbs per Acre VA Wild Ryegrass 20% Pelletized Lime Apply @ 2 Tons per Acre Annual Ryegrass 20% *unless otherwise dictated by soil test results Fowl Bluegrass 20% WV Department of Environmental Protection RECEIVED Office of Oil and Gas Seeding Calculation Information: Cosmos 'Sensation' 10% JUL 2 0 2022 Redtop 1452' of 30' ROW/LOD is One Acre 5% 871' of 50' ROW/LOD is One Acre Golden Tickseed 5% 622' of 70' ROW/LOD is One Acre Maryland Senna 5% Showy Tickseed 5% Synopsis: Fox Sedge 2.5% Soft Rush Every 622 linear feet in a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb 2.5% bags of fertilizer and (80) 50lb bags of Lime (2x seed in winter months + 50lb Winter Woolgrass 2.5% Wheat/ac). Swamp Verbena 2.5% Special Considerations: Apply @ 25lbs per acre Apply @ 50lbs per acre Landowner Special Considerations including CREP program participants require additional April 16th- Oct. 14th Oct. 15th- April 15th guidance that is not given here. Discuss these requirements with SWN supervision at the NO FERTILIZER OR LIME INSIDE WETLAND LIMITS beginning of the project to allow time for special seed delivery.

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN



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

API NO. 47-XXX-XXXXX WELL NAME: Yocum MSH 6H Littleton QUAD Liberty DISTRICT Ohio COUNTY, WEST VIRGINIA

Submitted by:

Name: Brittany Woody

Date: 5/27/2022

Title: Senior Regulatory Analyst

SWN Production Co., LLC

Approved by:

Name:

Title: ____

Date: 6/16/2022

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Name:

Approved by:

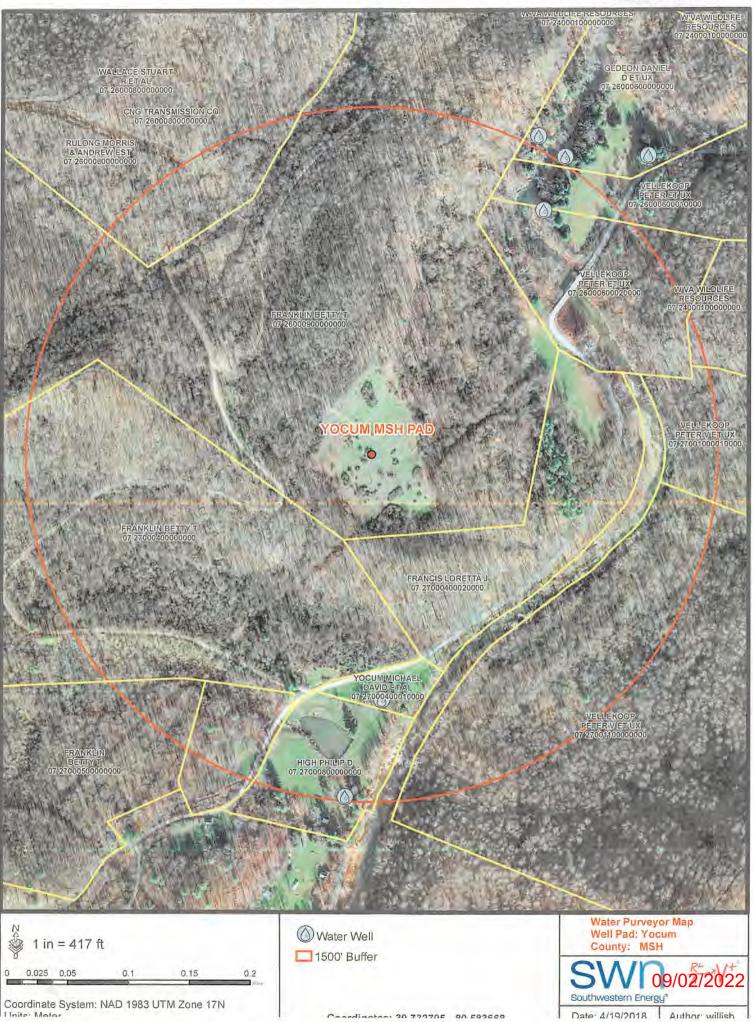
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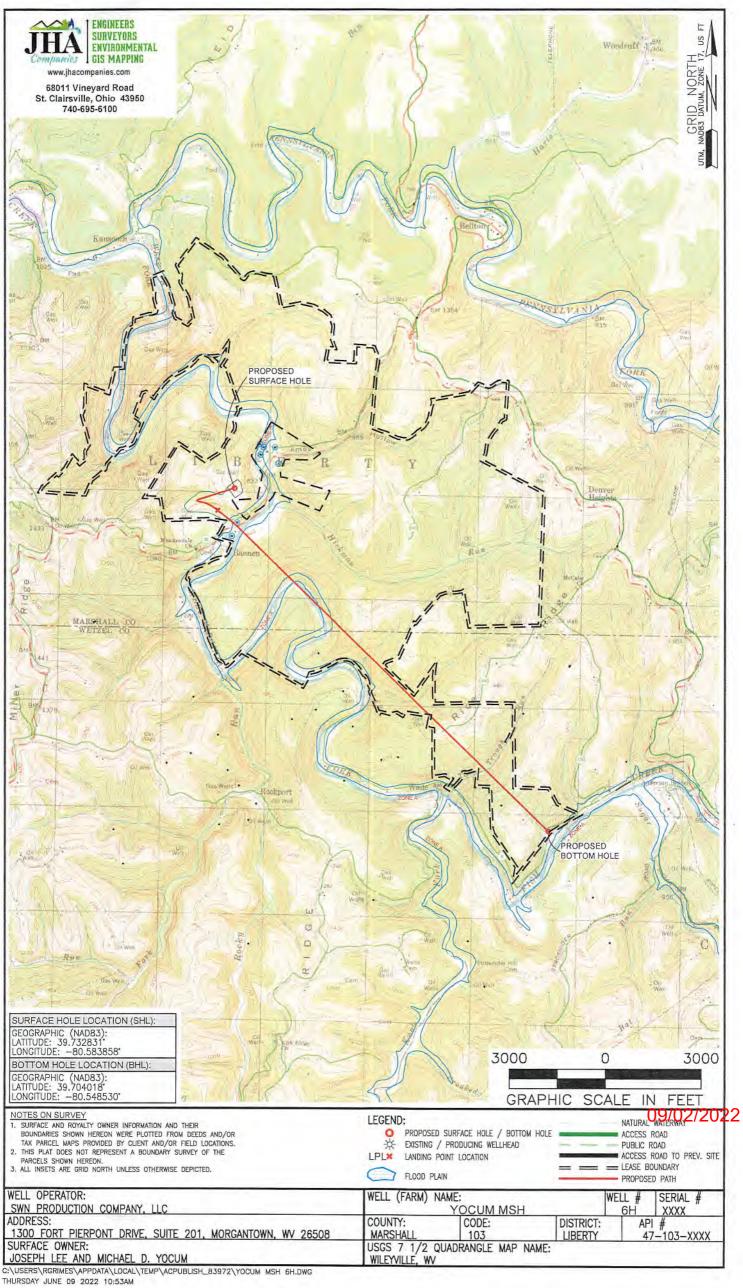
Date:

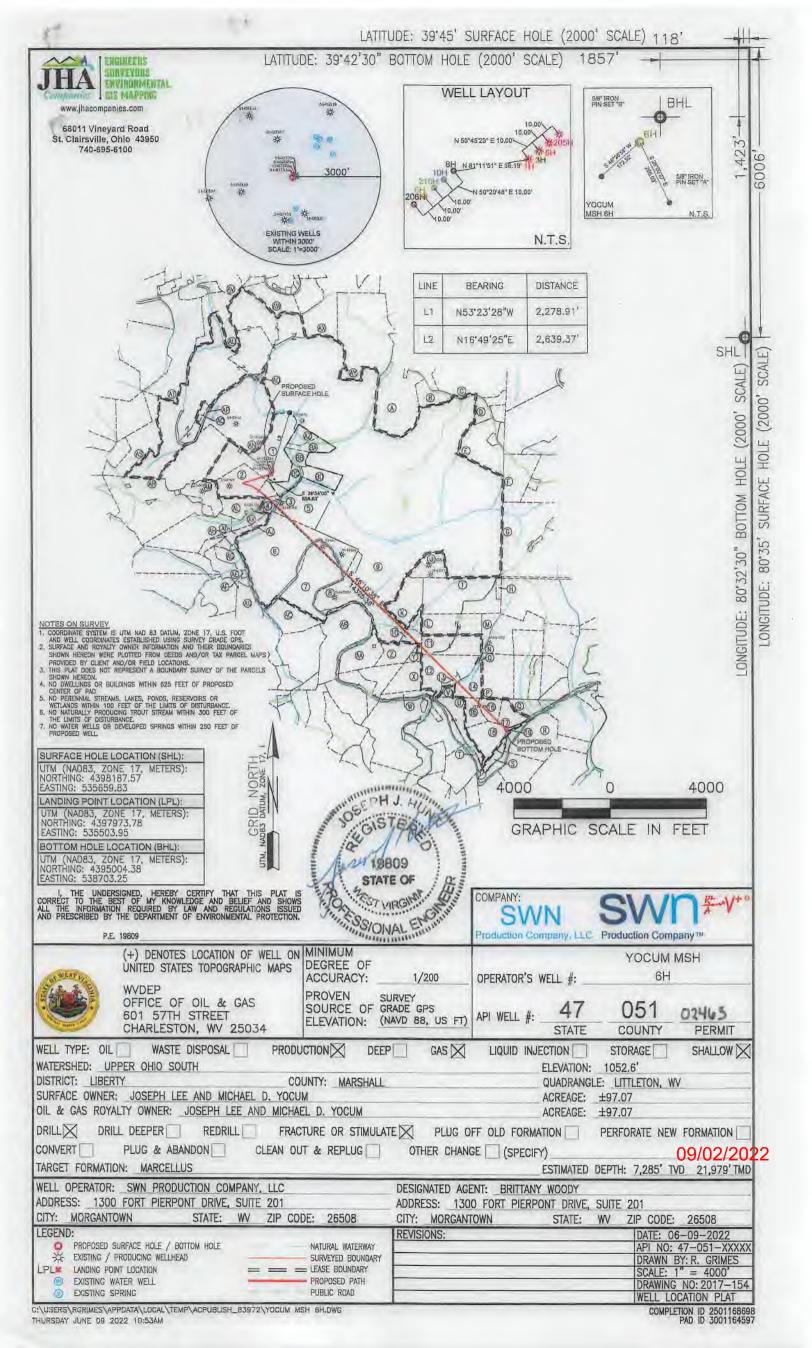
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SWN PRODUCTION COMPANY, LLC - CONFIDENTIAL

09/02/2022







WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS				
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL		
1	YOCUM JOSEPH LEE & MICHAEL D	7-26-9		
TRACT	SURFACE OWNER	TAX PARCEL		
2	YOCUM JOSEPH LEE & MICHAEL D	7-27-4		
3	YOCUM JOSEPH LEE & MICHAEL D	7-27-4.1		
4	HIGH PHILIP D	7-27-8		
5	VELLEKOOP PETER B ET UX - TOD	7-27-11		
6	VELLEKOOP PETER B ET UX - TOD	7-27-13		
7	WV STATE COMMERCE BUREAU OF	1-2-6		
8	SEIDLER EARL DALE & NETTIE	1-2-6.1		
9	W VA WILDLIFE RESOURCES SECTION	7-24-1		
10	CONSOLIDATED GAS TRANSMISSION	1-3-5		
11	WILLIAMS JOHN EDWARD	1-3-8		
12	MCGUFFIE ARCH	1-6-5		
13	MILLIKEN KEVIN R ETAL	- 1-6-6		
14	MILLIKEN KEVIN R ETAL	3-1-8		
15	PHILLIPS JR CHARLES R	3-1-22		
16	CONSOLIDATED GAS TRANS CORP	3-1-21		
17	CONSOLIDATED GAS TRANS CORP	3-1-20		
18	CONSOLIDATED GAS TRANSMISSION	3-1-29		
19	CONSOLIDATED GAS TRANSMISSION	3-1-31		

	ADJOINING OWNERS TABLE	
TRACT	SURFACE DWNER	TAX PARCEL
А	GRESHAW JASON M & MARY L	7-25-2
В	BROWN ANDREW C III	7-25-6
C	C. HARRINGTON CLYDE F	
D	W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES	7-25-9
E	CONAWAY THOMAS EARL JR & CAROLYN K STOWE	7-25-12
F	CONAWAY THOMAS E	7-23-1
G	PRENDERGAST MICHAEL J & SUELLEN LEMLEY	7-23-26
Н	LONG LONNY DAVID & LINDA SUE	1-3-2.1
1	ABEREGG D W EST & ABEREGG	1-3-2
Ĵ	WADE MICHAEL CLAY & MCCELLAND LAWRENCE W - TOD ET AL	7-24-6
K	WILLIAMS KATHERINE E TRUST	1-3-1
L	WILLIAMS LONNIE L	1-3-7
M	JOHNSON VERNON S EST	3-1-1
N	DRAHEIM HERBERT P ET AL	3-1-6
0	CBC HOLDINGS LLC	3-1-8.1
Ρ	DRAHEIM GARY W JR ETAL	3-1-9
Q	CONSOLIDATED GAS TRANS CORP	3-1-19
R	CONSOLIDATED GAS TRANSMISSION	3-1-32
S	CONSOLIDATED GAS TRANS CORP	3-1-30
Т	CONSOLIDATED GAS TRANS CORP	3-1-28
U	S&R INVESTMENTS	3-1-23
V	CONSOLIDATED GAS TRANS CORP	3-1-7
W	BERRY LAWRENCE C & DOROTHY J	1-6-8
Х	WILLIAMS JOHN E HRS	1-5-4
Y	UNKNOWN	UNKKNOWN
Z	BLACKROCK ENTERPRISES LLC	1-6-1
AA	SEIDLER E DALE & NETTIE L	1-5-10
AB	SEIDLER E DALE & NETTIE L	1-2-6.2
AC	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-12

	ADJOINING OWNERS TABLE	and the second s
TRACT	SURFACE OWNER	TAX PARCEL
AD	BALTZ WM TR OF VH & F CLUB	1-2-5.1
AE	FERDA BRIAN T ET UX	7-27-15
AF	FITZSIMMONS SCOTT M ET AL	7-27-14
AG	FERDA BRIAN T ET UX	7-27-16
AH	FERDA BRIAN T ET UX	7-27-16.1
Al	GEHO ANNIE L EST	7-27-21
AJ	BURGE DELORES E ET AL	7-27-10
AK	OCHSENBEIN RICHARD L	7-27-9
AL	YOCUM JOSEPH LEE & MICHAEL D	7-27-5
AM	HORNER DELORSE A	7-26-10
AN	CONSOLIDATED GAS SUPPLY CORP	7-26-8
AO	BUZZARD COLIN R	7-26-3
AP	BUTLER JOHN M & LISA A	7-26-11.1
AQ	HUNDRED RESOURCES INC	7-26-11
AR	RIGGS JOHN E JR & DELANA	7-27-2
AS	MORGAN JAMES E - LIFE	7-26-14
AT	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-28
AU	FROMHART BRAD ET UX - LIFE	7-20-41
AV	UNDERDONK ALAN	7-16-25.1
AW	BURLEY AMMON ET UX	7-20-12
AX	BURLEY AMMON A	7-20-24
AY	BURLEY AMON A	7-20-37
AZ	GEDEON DANIEL D ET UX	7-26-6
BA	VELLEKOOP PETER B ET UX - TOD	7-26-6.1
BB	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
BC	STIPETICH SUSAN F & FRANK R	7-27-4.2
BD	VELLEKOOP PETER B ET UX - TOD	7-27-10.1

REVISIONS:	COMPANY:	SWN Production Company, LLC		SWN [#] →V ⁺ ° Production Company™
	OPERATOR'S WELL #: 47-051-	YOCUN 61-02.463 61-		DATE: 06-09-2022 API NO: 47-051-XXXXX DRAWN BY:R. GRIMES
	DISTRICT: LIBERTY	COUNTY: MARSHALL	STATE: WV	SCALE: N/A DRAWING NO:2017–154 WELL LOCATION PLAT

09/02/2022

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

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

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

Lease Name or				
Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page

See Exhibit

*Co-tenancy utilization - At least 7 mineral owners in tract and at least 75% of the royalty owners have consented to the lawful use or development of the oil or natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-tenancy Modernization and Majority Protection Act.

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

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

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

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

Well Operator:	SWN Production Company, LLC
By:	enn
Its:	Staff Landman

51-02463

(eH

ct #	Tax Parcel			Royaity	BK/PG	% Interest Not Leased by SWN	
1	7-26-9	u <u>na serie de la constante de</u>				0.00%	
	p/o 7-26-9 (86.103 ac)	W.E. Franklin, Ira M. Franklin & Emma Franklin, husband and wife, John A. Franklin & Mollie Franklin, husband and wife, Mary S. Franklin, widow, M.J. Brooks & Clint Brooks,	L.F. Burley	13.75%	186/284		RECEIVE
		wife and husband, Edith White & J.F. White, wife and husband, and Laura Franklin, widow				Off	ce of Oil ar
		L.F. Burley Heirs	The Manufacturers Light and Heat Company		2/269		
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	Ą	UG 19
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281		
		Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC		662/322 36/422	V Envia	V Departm onmental F
	p/o 7-26-9			12 50%			
	(30.7 ac)	I.D. Franklin and Bessie J. Franklin, his wife The Manufacturers Light and Heat Company	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation	12.50%	209/168 422/204		
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281		
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, LLC		662/322		
		Chesapeake Appalachia, LLC	Statoilhydro USA Onshore Properties Inc.		675/279		
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424		
2	7-27-4	I.D. Franklin and Bessie J. Franklin, husband and wife	The Manufacturers Light and Heat Company	12.50%	209/168	0.00%	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204		
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281		
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, LLC		662/322		
		Chesapeake Appalachia, LLC	Statoilhydro USA Onshore Properties Inc.		675/279		
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424		
3	7-27-4.1	Chesapeake Appalachia, LLC I.D. Franklin and Bessie J. Franklin, husband and wife	SWN Production Company, LLC The Manufacturers Light and Heat Company	12.50%	36/422 209/168	0.00%	
5	7-27-4.1			12.30%		0.00%	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204		
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281 662/322		
		Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC Statoilhydro USA Onshore Properties Inc.		675/279		
		Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc.	SWN Production Company, LLC SWN Exchange Titleholder LLC		33/110 33/424		
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		36/422		
4	7-27-8	Philip D. High, a single man	SWN Production Company, LLC	15%	925/574	0.00%	
		Debra Moore Westphal, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18%	780/564		
		Carolyn Jean Whitehead, f/k/a Carolyn Moore and Adam Whitehead, her husband	Chesapeake Appalachia, LLC	18%	780/558		
		Michael Moore and Nancy L. Moore, his wife	Chesapeake Appalachia, LLC	18%	779/565		
		Thomas A. Moore, II and Susan Moore, his wife	Chesapeake Appalachia, LLC	18%	779/559		
		Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, LLC	Statoil USA Onshore Properties Inc. SWN Production Company, LLC		29/325 33/110		
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424		
5	7-27-11	Ralph W. Evans and Nellie F. Evans, his wife; Brooks B. Evans and Sara E. Evans, his wife Harold P. Evans and Maude Evans, his wife	; The Manufacturers Light and Heat Company	12.50%	299/327	0.00%	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204		
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281		
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, LLC		662/322		
		Chesapeake Appalachia, LLC	Statoilhydro USA Onshore Properties Inc.		675/279		
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424		
5	7-27-13	Ralph W. Evans and Nellie F. Evans, his wife; Brooks B. Evans and Sara E. Evans, his wife			299/327	0.00%	
		Harold P. Evans and Maude Evans, his wife The Manufacturers Light and Heat Company	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation	12.50%	422/204		
		Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC Chesapeake Appalachia, LLC		642/281 662/322		
		Chesapeake Appalachia, LLC	Statoilhydro USA Onshore Properties Inc.		675/279		
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424		
,	1-2-6	Elizabeth J. Myers, widow, G. M. Myers and Elinor Myers, his wife, J. C. Myers and	Myers Oil Company	12.50%	22A/241	0.00%	
		Virginia R. Myers, his wife, Mary C. Harris and Frank Harris, her husband, Anna S. Marshall and Fred C. Marshall, her husband, and M. J. Yost, widow					
		Myers Oil Company	James T. Miller, Trustee		45/211		

	Horefore the other states of the states of t	Helen E. Tennant and Raymond H. Hyre; and to the survivor of them as Trustees		251/431	
	Raymond H. Hyre, as surviving Trustee under the Provisions of Trust Agreement dated	Robert E. Litman and Robert L. Skinner		251/495	
	September 4, 1973			251/499	
	Robert L. Skinner Josephine K. Litman, a widow	Robert E. Litman Pikewood Energy Corporation		251/499 280A/381	
		SWN Production Company, LLC		281A/415	
1-2-6.1	Chesapeake Appalachia, LLC	SWN Production Company, LLC	12.50%	166A/931	0.00%
7-24-1	Royalty Owner	n/a	n/a	n/a	9,65%
p/o 7-24-1 Subtract 23A - being 115.88		SWN Production Company, LL.C.	16%	932/636	
ac	Amy M. Schleicher, married dealing in her sole and separate property	SWN Production Company, LLC	16%	932/636 1130/482	
	Carolyn Stowe, married dealing in her sole and separate property	SWN Production Company, LLC	17%	1117/282	
	Charles Wayne Geho, married dealing in his sole and separate property	SWN Production Company, LLC	16%	1104/385	
	David and Shirley Katzmeyer, a married couple	SWN Production Company, LC	17%	1104/383	
	Donald Scott Conaway, a single man	SWN Production Company, LLC	16%	932/629	
	Eric Katzmeyer, married dealing in his sole and separate property	SWN Production Company, LC	17%	1107/332	
	Franklin T. Barrett, married dealing in his sole and separate property	SWN Production Company, LLC	17%	1107/292	
	George L. Hale, married dealing in his sole and separate property	SWN Production Company, LLC	17%	1107/316	
	Gertrud Yeager, Trustee of the Gertrud Yeager 2002 Revocable Trust Agreement, dated				
	September 17, 2002, as amended and restated on May 4, 2009		17%	1108/32	
	Hulda Marie Gilbertson-Wayt, a/k/a Hilda Marie Gilbertson-Wayt, married dealing in her sole and separate property. Ufe Estate, and Kimberly Ann Wayt, single, Remainderman	SWN Production Company, LLC		and the second s	
	sole and separate property, Life Estate, and Kimberly Ann Wayt, single, Remainderman and Kerry Dean Wayt, single Remainderman			and the second	
		Contract of the	18%	1111/202	
	Jeffrey L. Fish, married dealing in his sole and separate property John B. Wanchick, a/k/a John B. Wanchik, a married man dealing in his sole and	SWN Production Company, LLC Chesapeake Appalachia 1, LC	17%	1106/85	
	John B. Wanchick, a/k/a John B. Wanchik, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	17%	833/213	
	separate property Chesapeake Appalachia, LLC	Statoilhydro USA Onshore Properties Inc.	100	675/279	
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424	
	John Yeager, married dealing in his sole and separate property	SWN Production Company, LLC	17%	1108/142	
	Krystal K. Camp, married dealing in her sole and separate property	SWN Production Company, LLC SWN Production Company, LLC	17%	1106/81	
	Mary Lou Rubini, widow	SWN Production Company, LLC	17%	1119/159	
	Michael A. Fish, married dealing in his sole and separate property	SWN Production Company, LLC	17%	1106/77	
		Chesapeake Appalachia, L.L.C.			
	separate property Chesapeake Appalachia, LLC	Statoilhydro USA Onshore Properties Inc.	17%	833/208 675/279	
	Chesapeake Appalachia, LLC Statoli USA Onshore Properties Inc.	SWN Production Company, LLC		33/110	
	Statoll USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424	
	Patricia Loy, a/k/a Elsic Patricia Loy, by and through her attorney-in-fact, Gary W. Loy	SWN Production Company, LLC	17%	1104/389	
	Richard J. McHenry, Sr., a married man dealing in his sole and separate property	SWN Production Company, LLC	17%	976/79	RECEIVED
	Roger Lee Cain II	SWN Production Company, LLC	17%	1129/518	Office of Oil and G
	Sharon N. Zeppernick, married dealing in her sole and separate property	SWN Production Company, LLC	17%	1106/37	and the second se
	Stone Hill Minerals Holdings, LLC	TH Exploration, LLC	Unknown	894/489	AUG 1 9 202
	TH Exploration, LLC	SWN Production Company, LLC and Statoll USA		41/299	HUG TO LUC
	Stone Hill Minerals Holdings, LLC	Onshore Properties, Inc. TH Exploration, LLC	Unknown	41/299 261A/890	MAY SU DOMESTIC
	TH Exploration, LLC	SWN Production Company, LLC	Williss Berness	A D & PAY LEASE	WV Capanment c
		and Statoil USA Onshore Properties Inc.		41/299	Environmental Protec
	Tara Delcon	SWN Production Company, LLC	18%	1131/435	
	The First Assembly of God Church, Todd Troyer, Pastor	SWN Production Company, LLC	17%	1112/616	
	Thomas D. Conaway, married dealing in his sole and separate property	SWN Production Company, LLC	17%	1119/148	
		SWN Production Company, LLC	17%	1107/308	
	Wayne E. Burley, single	SWN Production Company, LLC	17%	1107/260	
	West Virginia Minerals, Inc. Columbia Gas Transmission	SWN Production Company, LLC	20.00%	1136/193	
		SWN Production Company, LLC	6.25% 17.00%	642/281 1108/32	
Subtract 238 -	September 17, 2002, as amended and restated on May 4, 2009	TAKE I LOWERING CONTRACTOR	16112-1-	a a bong	
being 26 ac		in the second	11 000		
		SWN Production Company, LLC SWN Production Company, LLC	17.00% 17.00%	1108/142 1104/393	
	Ralph W. Evans and Nellie F. Evans, his wife; Lindsey L. Burley and Martha Burley, his wife; Charles W. Burley, single; Leroy Burley and Leona Burley, his wife; Ethel Cain, single; Charles Geho and Norma Geho, his wife;	Columbia Gas Transmission Corporation	12.50%	446/125	

09/02/2022

1 - I - I - I - I - I - I - I - I - I -	Filmula Cas Incomission Composition	Character Annalachia, U.C.		662/322	1
		Chesapeake Appalachia, LLC Statoilhydro USA Onshore Properties Inc.		662/322 675/279	
		SWN Production Company, LLC		35/422	
		SWN Production Company, LLC SWN Exchange Titleholder, LLC		33/110 33/424	
	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424	
	John B. Wanchick, a/k/a John B. Wanchik, a married man dealing in his sole and	Chesapeake Appalachia, L.L.C.	17.00%	833/228	
i i	separate property	Chesapeake Appalachia, L.L.C.	17.00%	833/223	
	separate property		af the local		
	Chesapeake Appalachia, L.L.C.	Statolhydro USA Onshore Properties Inc.		33/47	
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	Sharon E. Potts, a single woman	Chesapeake Appalachia, L.L.C.	17.00%	818/422	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		33/59	
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	Gary L. Yoho, a single man	Chesapeake Appalachia, L.L.C.	17.00%	818/428	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		33/59	
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
è l'i l'i l'i l'i	Richard L. Yoho, a single man	Chesapeake Appalachia, L.L.C.	17.00%	818/434	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.	100 million (1990)	33/59	
1		SWN Production Company, LLC		33/110	
	Chesapeake Appaiachia, LLC Stone Hill Minerals Holdings, LLC	TH Exploration, LLC	15.00%	894/489	
		TH Exploration, LLC SWN Production Company, LLC	Falsand	41/299	0
	TH Exploration, LLC	SWN Production Company, LLC and Statoil USA Onshore Properties Inc.		411222	
12.5				nla	23.37%
10 1-3-5	Royalty Owner Ammon A. Burley and Flora J. Burley, bis wife	n/a SWN Production Company, LLC	n/a 17%	n/a 259A/787	23.37%
	Ammon A. Burley and Flora J. Burley, his wife Annette Aldine Llovd, widow	A A CONTRACTOR OF A CONTRACTOR OF A	17%	259A/787 261A/57	
i	Annette Aldine Lloyd, Widow Ashley M. Schleicher	SWN Production Company, LLC			
1	Ashley M. Schleicher	SWN Production Company, LLC	18%	265A/650	
	Barbara Burley, single	SWN Production Company, LLC	17%	265A/440	
	Betty J. Burley	SWN Production Company, LLC	17%	290A/568	
1	Beulah Kathleen Mackey, widow	SWN Production Company, LLC	17%	260A/537	
	Carolyn Stowe	SWN Production Company, LLC	17%	279A/623	
	Charles W. Geho, married dealing in his sole and separate property	SWN Production Company, LLC	16%	259A/447	
	Donald Scott Conaway	SWN Production Company, LLC	17%	285A/153	
	Donald Marlin Watkins aka Marlin Watkins and Myra L. Watkins his wife	SWN Production Company, LLC	17%	289A/601	
1	Edward L. Conaway	SWN Production Company, LLC	17%	2704/458	
	Elizabeth Ann Cain, single	SWN Production Company, LLC	17%	269A/316	
	Franklin T. Barrett, married dealing in his sole and separate property	SWN Production Company, LLC	17%	260A/43	
	George L. Hale, married dealing in his sole and separate property	SWN Production Company, LLC	17%	259A/456	1.0
	Gloria Rae Spragg Smith, a/k/a Gloria Berger Smith, married dealing in her sole and				
	separate property	SWN Production Company, LLC	17%	264A/143	
	Gregory Jason Spragg	SWN Production Company, LLC	17%	285A/148	
	Jeffrey L. Fish, married dealing in his sole and separate property Jeffrey Todd Spragg	SWN Production Company, LLC SWN Production Company, LLC	17% 17%	259A/809 285A/800	
	Kathy J. Hoopes, fka Kathy Jo Watkins, married dealing in her sole and separate property		17%	289A/577	
	Karen J. Jones, single	SWN Production Company, LLC	17%	261A/86	
	Krystal K. Camp, married dealing in her sole and separate property	SWN Production Company, LLC	17%	259A/472	
	Michael A. Fish, married dealing in his sole and separate property	SWN Production Company, LLC	17%	268A/75	
1	Robert Burley, married dealing in his sole and separate property	SWN Production Company, LLC	17%	259A/820	
	Robert Carlton Cain	SWN Production Company, LLC	18%	281A/471	
	Robert W. Conaway, Jr., single	SWN Production Company, LEC	17%	269A/593	
	Roger Lee Cain	SWN Production Company, LLC	18%	281A/465	
	Ronald W. Conaway, married dealing in his sole and separate property	SWN Production Company, LLC	17%	271A/341	
1			17%	261A/119	
	Sharon N. Zeppernick, married dealing in her sole and separate property	SWN Production Company, LLC	10 million (10 mil	281A/450	RECEIVED
			17%	60 400	RECEIVED
	Sharon N. Zeppernick, married dealing in her sole and separate property	SWN Production Company, LLC	17% 17%		I I DO ALL U DISC
	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor	SWN Production Company, LLC SWN Production Company, LLC	17%	269A/269	Unice of Oil and
	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	17% 17%	269A/269 279A/676	
	Sharon N, Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	17% 17% 17%	269A/269 279A/676 261A/63	
	Sharon N, Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	17% 17% 17% 17%	269A/269 279A/676 261A/63 281A/445	
	Sharon N, Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	17% 17% 17%	269A/269 279A/676 261A/63	AUG 1 9 20
	Sharon N, Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation	17% 17% 17% 17%	269A/269 279A/676 261A/63 281A/445	Office of Oil and AUG 1 9 20 WV Departmen
	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc.	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA	17% 17% 17% 17%	269A/269 279A/676 261A/63 281A/445 189A/52	AUG 1 9 20
	Sharon N, Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc.	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC	17% 17% 17% 20%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419	AUG 1 9 20 WV Departmen Environmental Pro
11 1-3-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc.	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Carporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a	17% 17% 17% 20% 20%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 n/a	AUG 1 9 2
11 1-3-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc. Royalty Owner Ammon A. Burley and Flora J. Burley, his wife	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC	17% 17% 17% 20% 20% n/a 17%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 1/2 1/2 270A/463	AUG 1.9 2 WV Department Environmental Pro
11 1-9-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc. Royalty Owner Ammon A. Burley and Flora J. Burley, his wife Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a widow	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC Chesapeake Appalachia, L.L.C.	17% 17% 17% 20% 20%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 1/a 270A/463 140A/542	AUG 1.9 2 WV Dapartmer Environmental Pro
11 1-3-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc. Royalty Owner Ammon A. Burley and Flora J. Burley, his wife Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a widow Chesapeake Appalachia, L.L.C,	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC Chesapeake Appalachia, LLC. SWN Production Company, LLC	17% 17% 17% 20% 20% n/a 17%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 n/a 270A/463 140A/542 157A/540	AUG 1.9 2 WV Dapartmer Environmental Pro
11 1-3-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, <i>a/k/a</i> Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc. Royalty Owner Ammon A. Burley and Flora J. Burley, his wife Annette Aldine Lloyd, <i>a/k/a</i> Annette A. Lloyd, a widow Chesapeake Appalachia, L.L.C. Statoilhydro USA Onshore Properties Inc.	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a SWN Production Company, LLC Chesapeake Appalachia, LLC. SWN Production Company, LLC	17% 17% 17% 20% 20% n/a 17%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 r/a 270A/463 140A/542 157A/540 158A/801	AUG 1.9 2 WV Department Environmental Pro
11 1-3-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc. Royalty Owner Ammon A. Burley and Flora J. Burley, his wife Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a widow Chesspeake Appalachia, L.L.C. Statoilhydro USA Onshore Properties Inc. SWN Production Company, LLC	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Chesapeake Appalachia, LLC. SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	17% 17% 17% 20% 20% n/a 17%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 r/a 270A/463 140A/542 157A/540 158A/801 177A/533	AUG 1.9 2 WV Department Environmental Pro
11 1-3-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc. Royalty Owner Ammon A. Burley and Flora J. Burley, his wife Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a widow Chesapeake Appalachia, L.L.C. Statoilhydro USA Onshore Properties Inc.	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC in/a SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Antero Resources Corporation Antero Resources Corporation	17% 17% 17% 20% 20% n/a 17%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 r/a 270A/463 140A/542 157A/540 158A/801	AUG 1 9 21 WV Departmen Environmental Pro
11 1-3-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc. Royalty Owner Ammon A. Burley and Flora J. Burley, his wife Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a widow Chesapeake Appalachia, L.L.C. Statoilhydro USA Onshore Properties Inc.	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Antero Resources Corporation Antero Resources Corporation SWN Production Company, LLC/Equinor USA	17% 17% 17% 20% 20% n/a 17%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 1/4 270A/463 140A/542 157A/540 158A/801 177A/533 177A/738	AUG 1 9 21 WV Departmen Environmental Pro
11 1-3-8	Sharon N. Zeppernick, married dealing in her sole and separate property Tara L. Deleon The First Assembly of God Church, Todd Troyer, Pastor Thomas David Conaway Timothy N. Burley, married dealing in his sole and separate property Wayne Edward Burley, a/k/a Wayne E. Burley Piney Holdings, Inc. Antero Resources Corporation Piney Holdings, Inc. Royalty Owner Ammon A. Burley and Flora J. Burley, his wife Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a widow Chesapeake Appalachia, L.L.C. Statoilhydro USA Onshore Properties Inc. SWN Production Company, LLC Statoilhydro USA Onshore Properties Inc. Antero Resources Corporation	SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC in/a SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Antero Resources Corporation Antero Resources Corporation	17% 17% 17% 20% 20% n/a 17%	269A/269 279A/676 261A/63 281A/445 189A/52 272A/588 293A/419 r/a 270A/463 140A/542 157A/540 158A/801 177A/533	AUG 1.9 2 WV Department Environmental Pro

Antero Resources Corporation	EQT Production Company SWN Production Company, LLC/Equinor USA		231A/59 279A/35
EQT Production Company	Onshore Properties, Inc.	18%	279A/55 209A/584
Carolyn Stowe	Antero Resources Corporation	18%	
Antero Resources Corporation	EQT Production Company SWN Production Company, LLC/Equinor USA		231A/59
EQT Production Company	Onshore Properties, Inc.		279A/35
Charles W. Geho and Sandra D. Geho, husband and wife	Antero Resources Corporation	18%	187A/933
Antero Resources Corporation	EQT Production Company SWN Production Company, LLC/Equinor USA		231A/59
EQT Production Company	Onshore Properties, Inc.	18%	279A/35 204A/489
Dale H. Williams, a widower	Antero Resources Corporation SWN Production Company, LLC/Equinor USA	10%	20479405
EQT Production Company	Onshore Properties, Inc.		279A/35
Donald L. Burley, a married man dealing in his sole and separate property	Antero Resources Corporation	18%	187A/931
Antero Resources Corporation	EQT Production Company SWN Production Company, LLC/Equinor USA		231A/59
EQT Production Company	Onshore Properties, Inc.		279A/35
Donald Marlin Watkins, a/k/a Marlin Watkins and Myra L. Watkins, his wife	SWN Production Company, LLC	17%	269A/598
Donald Scott Conaway	Antero Resources Corporation SWN Production Company, LLC/Equinor USA	18%	209A/444
Antero Resources Corporation	Onshore Properties, Inc.		272A/588
DWG Oil & Gas Acquisitions, LLC, William H. Gaston, Managing Member	SWN Production Company, LLC	17%	277A/531
Edward L. Conaway	Antero Resources Corporation	18%	208A/299
Antero Resources Corporation	EQT Production Company	*	231A/59
	SWN Production Company, LLC/Equinor USA		
EQT Production Company	Onshore Properties, Inc.		279A/35
Elizabeth Ann Cain, a widow	Chesapeake Appalachia, L.L.C.	18%	140A/25
Chesapeake Appalachia, LLC	Statoil USA Onshore Properties Inc.		120A/109
Statoil USA Onshore Properties, Inc.	SWN Exchange Titleholder LLC		158A/801
Statoil USA Onshore Properties, Inc.	Antero Resources Corporation		177A/738
Antero Resources Corporation	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.		272A/588
Franklin Thomas Barrett, a/k/a Frank Barrett, a married man dealing in his sole and			
separate property	Antero Resources Corporation	18%	208A/64
Antero Resources Corporation	EQT Production Company SWN Production Company, LLC/Equinor USA		231A/59
EQT Production Company	Onshore Properties, Inc.		279A/35
James and Colleen Newman	Trans Energy, Inc. SWN Production Company, LLC/Equinor USA	12.50%	91A/762
EQT Production Company	Onshore Properties, Inc.		279A/35
Jeffrey L. Fish, a single man	Antero Resources Corporation	18%	209A/818
Antero Resources Corporation	EQT Production Company SWN Production Company, LLC/Equinor USA		231A/59
EQT Production Company	Onshore Properties, Inc.		279A/35
Karen J. Jones	SWN Production Company, LLC	17%	282A/504
Kathy J. Hoopes, f/k/a Kathy Jo Watkins, married dealing in her sole and separate property	SWN Production Company, LLC	17%	269A/304
Krystal K. Camp, a married woman dealing in her sole and separate property	Antero Resources Corporation	18%	207A/855
Antero Resources Corporation	EQT Production Company		231A/59
	SWN Production Company, LLC/Equinor USA		
EQT Production Company	Onshore Properties, Inc.		279A/35
Margery Jeanette Hale, a/k/a Marjorie Hale, a widow	Chesapeake Appalachia, L.L.C.	17%	140A/608
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540
Statoil USA Onshore Properties, Inc.	SWN Exchange Titleholder LLC		158A/801
	A		177A/533
SWN Production Company, LLC	Antero Resources Corporation		
	Antero Exchange Properties, Inc.		177A/738
Statoil USA Onshore Properties, Inc.			177A/738 272A/588
Statoil USA Onshore Properties, Inc. Antero Resources Corporation	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.	18%	272A/588
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company	18%	
Statoil USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA	18%	272A/588 208A/226 231A/59
Statoil USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company	Antero Exchange Properties, Inc. SWM Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWM Production Company, LLC/Equinor USA Onshore Properties, Inc.		272A/588 208A/226 231A/59 279A/35
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property	Antero Exchange Properties, Inc. SWM Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC	17%	272A/588 208A/226 231A/59 279A/35 269A/298
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr.	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Antero Resources Corporation		272A/588 208A/226 231A/59 279A/35 269A/298 192A/132
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation	Antero Exchange Properties, Inc. SWM Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWM Production Company, LLC Antero Resources Corporation EQT Production Company EQT Production Company, LLC/Equinor USA	17%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc.	17% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation	17%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation	Antero Exchange Properties, Inc. SWM Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWM Production Company, LLC Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, EQT Production Company, EQT Production Company, SWM Production Company, LC/Equinor USA	17% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841 231A/59
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company	17% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation EQT Production Company	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.	17% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841 231A/59
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation EQT Production Company Antero Resources Corporation	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company SWN Production Company SWN Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA	17% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841 231A/59 279A/35
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation EQT Production Company Antero Resources Corporation EQT Production Company Antero Resources Corporation Rosemary Cain and Robert R. Cain, her husband	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc.	17% 18% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841 231A/59 279A/35 279A/35
Statoll USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation EQT Production Company Antero Resources Corporation EQT Production Company Antero Resources Corporation Rosemary Cain and Robert R. Cain, her husband Chesapeake Appalachia, L.L.C.	Antero Exchange Properties, Inc. SWM Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Chesapeake Appalachia, LLC.	17% 18% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841 231A/59 279A/35 279A/35 272A/588 140A/537
SWN Production Company, LLC Statoil USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation EQT Production Company Antero Resources Corporation EQT Production Company Antero Resources Corporation EQT Production Company Antero Resources Corporation Rosemary Cain and Robert R. Cain, her husband Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties, Inc.	Antero Exchange Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/ Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Chesapeake Applachia, L.L.C. SWN Production Company, LLC	17% 18% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841 231A/59 279A/35 279A/35 272A/588 140A/537 157A/540
Statoli USA Onshore Properties, Inc. Antero Resources Corporation Michael A. Fish, a married man dealing in his sole and separate property Antero Resources Corporation EQT Production Company Robert Burley, married dealing in his sole and separate property Robert W. Conaway, Jr. Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation EQT Production Company Ronald W. Conaway and Cindy Conaway Antero Resources Corporation EQT Production Company Antero Resources Corporation Rosemary Cain and Robert R. Cain, her husband Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties, Inc.	Antero Exchange Properties, Inc. SWM Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. Antero Resources Corporation EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. Chesapeake Appalachia, L.LC. SWN Production Company, LLC	17% 18% 18%	272A/588 208A/226 231A/59 279A/35 269A/298 192A/132 231A/59 279A/35 204A/841 231A/59 279A/35 279A/35 272A/588 140A/537 157A/540 158A/801

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	Sharon Neala Barrett Zeppernick, a married woman dealing in sole and separate			1084 (64	Ť
	property Antero Resources Corporation	Antero Resources Corporation EQT Production Company	18%	208A/61 231A/59	
		SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.		279A/35	
	EQT Production Company	Chesapeake Appalachia, L.L.C.	17%	140A/686	
	The First Assembly of God Church Chesapeake Appalachia, LLC	Statoil USA Onshore Properties Inc.		120A/109	
	Statoil USA Onshore Properties, Inc.	SWN Exchange Titleholder LLC		158A/801	
		Antero Resources Carporation		177A/738	
	Statoil USA Onshore Properties, Inc.	SWN Production Company, LLC/Equinor USA			
	Antero Resources Corporation	Onshore Properties, Inc.		272A/588	
	Thomas D. Conaway, married dealing in his sole and separate property	SWN Production Company, LLC	17%	279A/676	
	Timothy N. Burley, a married man dealing in sole and separate property	Antero Resources Corporation	18%	208A/223	
	Antero Resources Corporation	EQT Production Company		231A/59	
		SWN Production Company, LLC/Equinor USA			
	EQT Production Company	Onshore Properties, Inc.		279A/35	
	Wayne E. Burley, single	SWN Production Company, LLC	17%	270A/447	
12 1-6-5	Royalty Owner	n/a	n/a 17%	n/a 283A/821	19.77%
	Agnes Elnora Burns Loucks Owens	SWN Production Company, LLC		269A/310	
	Allan Paul Dunkle, single	SWN Production Company, LLC	17%		
	Aleta E Beatty Gregg	SWN Production Company, LLC	17%	288A/249	
	Amy L. Sage, a married woman dealing in her sole and separate property	Antero Resources Corporation SWN Production Company, LLC/Equinor USA	15%	213A/523	
	Antero Resources Corporation	Onshore Properties, Inc.		272A/588	
	Anthony Steven Beatty	SWN Production Company, LLC	17%	290A/539	
	Bonnie Jean Vangilder, married dealing in her sole and separate property	SWN Production Company, LLC	17%	279A/617	
	Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow	SWN Production Company, LLC	17%	279A/687	
	Cornell Holdings, Inc.	TH Exploration, LLC	12.50%	194A/380	
	TH Exploration, LLC	EQT Production Company		258A/333	
	COT Build when Common	SWN Production Company, LLC/Equinor USA		2704/24	
	EQT Production Company	Onshore Properties, Inc	17 500	279A/34	1
	Cornell Holdings, Inc.	TH Exploration, LLC	12.50%	204A/111	
	TH Exploration, LLC	EQT Production Company SWN Production Company, LLC/Equinor USA		258A/333	
	EQT Production Company	Onshore Properties, Inc		279A/34	
	David L. Charlton and Donna D. Charlton, husband and wife	TH Exploration, LLC	18%	216A/625	
	David Scott Charlton	SWN Production Company, LLC	17%	289A/559	
	DruAnn Beatty, married dealing in her sole and separate property	SWN Production Company, LLC	17.00%	269A/280	
	DWG Oil & Gas Acquisitions, LLC	EQT Production Company	12.50%	188A/187	
	EQT Production Company	SWN Production Company, LLC		279A/35	
	Frances Burns Taylor	SWN Production Company, LLC	17%	284A/401	
	Glen R. Charlton	SWN Production Company, LLC	17%	282A/554	
	Heather Colleen Chariton	SWN Production Company, LLC	17%	288A/255	
	Helen Beatty Destefano	SWN Production Company, LLC	17%	289A/595	
	H&M Land and Mineral, Inc.	EQT Production Company	12.50%	192A/698	
	Harry carlo and which al, inc.	SWN Production Company, LLC, LLC/Equinor	10,000		
	EQT Production Company	USA Onshore Properties, Inc		279A/34	
	lleana Masters	SWN Production Company, LLC	17%	285A/175	
	Jan Leslie Fuller and Kevin W. Fuller, her husband	SWN Production Company, LLC	20%	281A/420	
	Jeanne McWilliams	SWN Production Company, LLC	17%	284A/407	
	Jennifer J. Nicolini, dealing in her sole and separate property	SWN Production Company, LLC	17%	280A/343	
	Jessica J. Nelson	SWN Production Company, LLC	17%	283A/406	
	John R. Charlton, single	SWN Production Company, LLC	17%	270A/436	
	Kathy Knaggs, aka Emily Kathleen Knaggs	SWN Production Company, LLC	17%	287A/127	
	Kevin James Charlton	SWN Production Company, LLC	17%	289A/565	
	Lawrence J Charlton	SWN Production Company, LLC	17%	289A/553	
	Lawrence Thomas "Larry" Beatty	SWN Production Company, LLC	17%	289A/542	
	Linda Ann Wade, a/k/a Linda Ann Miller	SWN Production Company, LLC	17%	282A/498	
	Lois J. Beatty, divorced	SWN Production Company, LLC	17%	284A/395	RECEIVED
	Margaret Kathleen Burns Campos	SWN Production Company, LLC	17%	283A/815	Office of Oil and Gas
	Mark Loar, as POA for Betty J. Hamilton, widow	SWN Production Company, LC	17%	282A/461	Service of the service of the
	Marlen Lee Beatty, single	SWN Production Company, LLC	17%	282A/481 289A/582	ALLC 3 0 DOOD
	Marsha Kay Bailey Pattisson	SWN Production Company, LLC	17%	289A/588	AUG 1 9 2022
	Michelle Work aka Michelle A. Solitro	SWN Production Company, LC	17%	285A/187	
	Nicholas Nelson	SWN Production Company, LLC	17%	285A/187	WV Dypartment of
					Environmental Protection
	Pamela J Beatty Fischer	SWN Production Company, LLC	17%	290A/132	winnennennen mulechon
	Patricia Irene Beatty Roleh Narricon Dunklo, is and incouoling 5. Dunklo, his udir	SWN Production Company, LLC	17%	289A/618	
	Ralph Harrison Dunkle, Ir, and Jacqueline F. Dunkle, his wife Rochal Roo Dunkle, married dealing in her cole and constants execution	SWN Production Company, LLC	17%	279A/693	
	Rashal Rae Dunkle, married dealing in her sole and separate property	SWN Production Company, LLC	17%	280A/375	
	Raymond Edward Beatty n/k/a Dudley D. Balmer	SWN Production Company, LLC	17%	289A/536	
	Richard E, Work	SWN Production Company, LLC	17%	285A/739	
	Robert Roy Charlton	SWN Production Company, LLC	17%	287A/121	
	Ruth Eileen Anthony, a/k/a Ruth "llene" Anthony	SWN Production Company, LLC	17%	285A/301	
	Sherran Faye Slaska, married dealing in her sole and separate property	SWN Production Company, LLC	17%	269A/304	
	Sherri E. Johnson, a single woman	TH Exploration, LLC	18%	216A/630	
	TH Exploration, LLC	EQT Production Company		258A/333	
		SWN Production Company, LLC/Equinor USA			
	EQT Production Company	Onshore Properties, Inc		279A/34	

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Stacie Burns Warco	SWN Production Company, LLC	17%	283A/827	
Steven M. Chariton and Michelle A. Chariton, husband and wife	TH Exploration, LLC	18%	216A/686	N
TH Exploration, LLC	EQT Production Company		258A/333	
The spectrum of the second s	SWN Production Company, LLC/Equinor USA			
EQT Production Company	Onshore Properties, Inc		279A/34	
Stone Hill Minerals Holdings LLC	EQT Production Company	12.50%	180A/614	
	SWN Production Company, LLC/Equinor USA		279A/34	
EQT Production Company	Onshore Properties, Inc	12 50%	207A/565	
Stone Hill Minerals Holdings LLC	TH Exploration, LLC	12.50%		
TH Exploration, LLC	EQT Production Company		258A/333	
EQT Production Company	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc		279A/34	
Suzanne B. Kartis and George Howard Kartis, her husband	SWN Production Company, LLC	17%	284A/327	
Tammy M. Hobart, widow	SWN Production Company, LC	17%	269A/504	
Tammy W. Houart, widow	Sivily Production company, eec		Losid per	
Terri J. Ingram, a married woman dealing in her sole and separate property	TH Exploration, LLC	18%	216A/637	
TH Exploration, LLC	EQT Production Company		258A/333	
	SWN Production Company, LLC/Equinor USA		inclusion of the second se	
EQT Production Company	Onshore Properties, Inc	40.000	279A/34	
Vanita & Cordova Holding Company, LLC	TH Exploration, LLC	12,50%	194A/384	
TH Exploration, LLC	EQT Production Company		258A/333	
FOT Developments	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc		279A/34	
EQT Production Company	and the second	12.50%	204A/188	
Vanita & Cordova Holding Company, LLC	TH Exploration, LLC	12.30%	258A/333	
TH Exploration, LLC	EQT Production Company SWN Production Company, LLC/Equinor USA		256A/353	
EQT Production Company	Onshore Properties, Inc		279A/34	
Vanita & Cordova Holding Company, LLC	SWN Production Company, LLC	12.50%	257A/423	
John Burns III	SWN Production Company, LLC	17%	287A/806	
Linda Burns	SWN Production Company, LLC	17%	287A/800	
	stitut substanti send sedi se s		and the second	
Royalty Owner	n/a	n/a	n/a	19.77%
Agnes Elnora Burns Loucks Owens	SWN Production Company, LLC	17%	283A/821	
Allan Paul Dunkle, single	SWN Production Company, LLC	17%	269A/310	
Aleta E Beatty Gregg	SWN Production Company, LLC	17%	288A/249	
Amy L. Sage, a married woman dealing in her sole and separate property	Antero Resources Corporation	15%	213A/523	
	SWN Production Company, LLC/Equinor USA			
Antero Resources Corporation	Onshare Properties, Inc.		272A/588	
Anthony Steven Beatty	SWN Production Company, LLC	17%	290A/539	
Bonnie Jean Vangilder, married dealing in her sole and separate property	SWN Production Company, LLC	17%	279A/617	
Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow	SWN Production Company, LLC	17%	279A/687	
Cornell Holdings, Inc.	TH Exploration, LLC	12.50%	194A/380	
TH Exploration, LLC	EQT Production Company	10.0070	258A/333	
in exploration, eee	SWN Production Company, LLC/Equinor USA		10014000	
EQT Production Company	Onshore Properties, inc		279A/34	
	onabure rropercies, me			
Cornell Holdings, Inc.	TH Exploration, LLC	12.50%	204A/111	
		12.50%	204A/111 258A/333	
Cornell Holdings, Inc.	TH Exploration, LLC	12.50%	258A/333	
Cornell Holdings, Inc.	TH Exploration, LLC EQT Production Company	12.50%		
Cornell Holdings, Inc. TH Exploration, LLC	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA	12,50%	258A/333	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc		258A/333 279A/34	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC	18%	258A/333 279A/34 216A/625	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC	18% 17%	258A/333 279A/34 216A/625 289A/559	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L, Charlton and Donna D, Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company, LLC	18% 17% 17.00%	258A/333 279A/34 216A/625 289A/559 269A/280	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company EQT Production Company SWN Production Company	18% 17% 17.00%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company SWN Production Company SWN Production Company, LLC SWN Production Company, LLC	18% 17% 17.00% 12.50%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R, Charlton	TH Exploration, LLC EQT Production Company, SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company SWN Production Company SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	18% 17% 17.00% 12.50% 1.7%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L, Charlton and Donna D, Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	18% 17% 17.00% 12,50% 17% 17% 17%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/255	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms Helen Beatty Destefano	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 17.00% 12.50% 17% 17% 17% 17%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/255 289A/595	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 17.00% 12,50% 17% 17% 17%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/255	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms Helen Beatty Destefano	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 17.00% 12.50% 17% 17% 17% 17%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/255 289A/595	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC, LLC/Equinor USA Onshore Properties, Inc	18% 17% 17.00% 12.50% 17% 17% 17% 17% 17% 12.50%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/255 288A/595 192A/698 279A/34	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L, Charlton and Donna D, Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG OII & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R, Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC, LLC/Equinor USA Onshore Properties, Inc	18% 17% 17,00% 12,50% 17% 17% 17% 12,50%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/255 289A/595 192A/698 279A/34 285A/175	
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R, Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 12.50% 17% 17% 17% 12% 17% 12.50%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 288A/401 282A/554 288A/255 289A/555 192A/698 279A/34 285A/175 281A/420	RECEIVED
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L, Charlton and Donna D, Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R, Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband Jeanne McWilliams	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 17.00% 12.50% 17% 17% 17% 12% 12.50%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/555 192A/698 279A/34 285A/175 281A/420 284A/407	RECEIVED Office of Dill and Ga
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L, Charlton and Donna D, Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R, Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband Jeanne McWilliams Jeannie McWilliams	TH Exploration, LLC EQT Production Company, SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC SWN Production Company, SWN Production Company, SWN Production Company, SWN Production Company, LLC SWN Production Company, LLC	18% 17% 17.00% 12.50% 17% 17% 17% 12.50% 17% 20% 17% 17%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/555 289A/595 192A/698 279A/34 285A/175 281A/420 284A/407 280A/343	Office of Oil and Ga
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband Jeanne McWilliams Jennifer J. Nicolini, dealing in her sole and separate property Jessica J. Nelson	TH Exploration, LLC EQT Production Company, SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 12.50% 12% 17% 17% 17% 12.50% 17% 20% 17% 17% 17%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/255 289A/595 192A/698 279A/34 285A/175 281A/420 286A/407 280A/343 283A/406	Office of Oil and Ga
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband Jeennier J. Nicolini, dealing in her sole and separate property Jessica J. Nelson John R. Charlton, single	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 17,00% 12,50% 17% 17% 17% 17% 12,50% 17% 12,50% 17% 17% 17% 17%	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 288A/255 289A/555 192A/698 279A/34 285A/175 281A/420 284A/407 280A/343 283A/406 270A/436	
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Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L, Charlton and Donna D, Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R, Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband Jeanne McWilliams Jennifer J. Nicolini, dealing in her sole and separate property Jessica J. Nelson John R. Charlton Kathy Knaggs, aka Emily Kathleen Knaggs Kevin James Charlton Lawrence J Charlton Lawrence Thomas "Larry" Beatty Linda Ann Wade, a/k/a Linda Ann Miller Lois J, Beatty, divorced Margaret Kathleen Burns Campos	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC	18% 17% 12,50% 17% 17% 17% 17% 12,50% 17% 17% 17% 17% 17% 17% 17% 17% 17% 17	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/555 289A/555 192A/698 279A/34 285A/175 281A/420 286A/407 280A/343 283A/406 270A/436 287A/127 289A/565 289A/553 289A/553 289A/553 289A/542 282A/498 283A/395 283A/815	Office of Dilland Ga AUG 1 9 2023
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L, Charlton and Donna D, Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R, Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband Jeanne McWilliams Jeanne	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 12.50% 17% 17% 17% 12% 12% 17% 12% 17% 17% 17% 17% 17% 17% 17% 17% 17% 17	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/555 289A/555 192A/698 279A/34 285A/175 281A/420 284A/407 280A/343 283A/405 270A/436 270A/436 287A/127 289A/553 289A/553 289A/542 282A/498 283A/395 283A/815 283A/815	Office of Dilland Ga AUG 1 9 2023
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ieana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband Jeanne McWilliams Jennifer J. Nicolini, dealing in her sole and separate property Jessica J. Nelson John R. Charlton Lawrence J Charlton Lawrence Thomas "Larry" Beatty Linda Ann Wade, a/k/a Linda Ann Miller Lois J. Beatty, diviced Margaret Kathleen Burns Campos Mark Loar, as POA for Betty J. Hamilton, widow Marlen Lee Beatty, single	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 17,00% 12,50% 17% 17% 17% 12% 12,50% 17% 17% 17% 17% 17% 17% 17% 17% 17% 17	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554 289A/555 192A/698 279A/34 285A/175 281A/420 284A/407 280A/343 285A/175 281A/420 284A/407 280A/343 283A/406 270A/436 287A/127 289A/553 289A/542 282A/498 284A/395 283A/315 282A/451 282A/451 282A/451	Office of Dilland Ga AUG 1 9 2023
Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton DruAnn Beatty, married dealing in her sole and separate property DWG Oil & Gas Acquisitions, LLC EQT Production Company Frances Burns Taylor Glen R. Charlton Heather Colleen Charlton Helms Helen Beatty Destefano H&M Land and Mineral, Inc. EQT Production Company Ileana Masters Jan Leslie Fuller and Kevin W. Fuller, her husband Jeanne McWilliams Jennifer J. Nicolini, dealing in her sole and separate property Jessica J. Nelson John R. Charlton Lawrence Scharlton Lawrence Thomas "Larry" Beatty Linda Ann Wade, a/k/a Linda Ann Miller Lois J. Beatty, divorced Mark Loar, as POA for Betty J. Hamilton, widow Marlen Lee Beatty, single Marsha Kay Bailey Pattisson	TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC EQT Production Company, LLC EQT Production Company, LLC SWN Production Company, LLC	18% 17% 12.50% 17% 17% 17% 12% 12% 17% 12% 17% 17% 17% 17% 17% 17% 17% 17% 17% 17	258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/555 289A/555 192A/698 279A/34 285A/175 281A/420 284A/407 280A/343 283A/405 270A/436 270A/436 287A/127 289A/553 289A/553 289A/553 289A/542 282A/498 283A/395 283A/815 283A/815	Office of Dilland Ga AUG 1 9 2023
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	Patricia Irene Beatty	FILM BURNEL MAN COMPANY 110	17%	290A/132	and the second second
		SWN Production Company, LLC	. 7 70	230/1152	RECEIV
	Ralph Harrison Dunkle, Jr. and Jacqueline F. Dunkle, his wife	SWN Production Company, LLC	17%	279A/693	Office of Oil :
	Rashal Rae Dunkle, married dealing in her sole and separate property	SWN Production Company, LLC	17%	280A/375	100 51 011
	Raymond Edward Beatty n/k/a Dudley D. Balmer	SWN Production Company, LLC	17%	289A/536	ALLC 1 D
	Richard E. Work	SWN Production Company, LLC	17%	285A/739	AUG 1 9
	Robert Roy Charlton	SWN Production Company, LLC	17%	287A/121	100 C
	Ruth Eileen Anthony, a/k/a Ruth "llene" Anthony	5WN Production Company, LLC	17%	285A/301	WV Departm
	Sherran Faye Slaska, married dealing in her sole and separate property	SWN Production Company, LLC	17%	269A/304	Environmental
	Sherri E. Johnson, a single woman	TH Exploration, LLC	18%	216A/630	-interital (
	TH Exploration, LLC	EQT Production Company SWN Production Company, LLC/Equinor USA		258A/333	
	EQT Production Company	Onshore Properties, Inc		279A/34	
	Stacie Burns Warco	SWN Production Company, LLC	17%	283A/827	
	Steven M. Charlton and Michelle A. Charlton, husband and wife	TH Exploration, LLC	18%	216A/686	
	TH Exploration, LLC	EQT Production Company SWN Production Company, LLC/Equinor USA		258A/333	
	EQT Production Company	Onshore Properties, Inc		279A/34	
	Stone Hill Minerals Holdings LLC	EQT Production Company SWN Production Company, LLC/Equinor USA	12.50%	180A/614	
	EQT Production Company	Onshore Properties, Inc		279A/34	
	Stone Hill Minerals Holdings LLC	TH Exploration, LLC	12.50%	207A/565	
	TH Exploration, LLC	EQT Production Company		258A/333	
	EQT Production Company	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc		279A/34	
	Suzanne B. Kartis and George Howard Kartis, her husband	SWN Production Company, LLC	17%	284A/327	
	Tammy M. Hobart, widow	SWN Production Company, LLC	17%	269A/604	
	Terri J. Ingram, a married woman dealing in her sole and separate property	TH Exploration, LLC	18%	216A/637	
	TH Exploration, LLC	EQT Production Company SWN Production Company, LLC/Equinor USA		258A/333	
	EQT Production Company	Onshore Properties, Inc		279A/34	
	Vanita & Cordova Holding Company, LLC	TH Exploration, LLC	12.50%	194A/384	
	TH Exploration, LLC	EQT Production Company SWN Production Company, LLC/Equinor USA		258A/333	
	EQT Production Company	Onshore Properties, Inc		279A/34	
	Vanita & Cordova Holding Company, LLC	TH Exploration, LLC	12.50%	204A/188	
	TH Exploration, LLC	EQT Production Company SWN Production Company, LLC/Equinor USA		258A/333	
	EQT Production Company	Onshore Properties, Inc		279A/34	
	Vanita & Cordova Holding Company, LLC	SWN Production Company, LLC	12.50%	257A/423	
-1-8	Paulatic Duringe	nta	e t-	n la	21,88%
-0	Royatly Owner Beth Ann Barnhart	n/a SWN Production Company, LLC	n/a 17%	n/a 261A/602	21,8670
	Bryan L. Gorby, married dealing in his sole and separate property		17%	263A/831	
		SWN Production Company, LLC			
	Cindy Adams, married dealing in her sole and separate property	SWN Production Company, LLC	17%	261A/598	
	Debra Piktel, married dealing in her sole and separate property	SWN Production Company, LLC	17%	261A/600	
	Eric Moore, single	SWN Production Company, LLC	17%	262A/647	
	Gregory Gorby, married dealing in his sole and separate property	SWN Production Company, LLC	17%	261A/596	
	Carol J. Petitte, widow	SWN Production Company, LLC	17%	261A/604	
	John A. Moore, married dealing in his sole and separate property	SWN Production Company, LLC	17%	263A/290	
	Kevin Milliken, married dealing in his sole and separate property	SWN Production Company, LLC	17%	261A/594	
	Robert A. Petitte, Jr., married dealing in his sole and separate property	SWN Production Company, LLC	17%	261A/829	
	Robert Gorby, married dealing in his sole and separate property	SWN Production Company, LLC	17%	261A/562	
	Suzanne Resroad, married dealing in her sole and separate property	SWN Production Company, LLC	17%	261A/847	
	Virginia K. Kuroda, married dealing in her sole and separate property	SWN Production Company, LLC	16%	259A/95	
-1-22	Piney Haldings, Inc.	Antero Resources Corporation	20%	186A/946	0.00%
	Antero Resources Corporation	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.		272A/588	
1.21	Blanci Habilana Ion			100-10	0.00%
1-21	Piney Holdings, Inc.	Antero Resources Corporation SWN Production Company, LLC/Equinor USA	20%	186A/946	0.00%
	Antero Resources Corporation	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.		272A/588	
	Piney Holdings, Inc.	SWN Production Company, LLC	20%	261A/91	0,00%
1-20	Piney Holdings, Inc.	SWN Production Company, LLC	20%	261A/91	0.00%
	The second second second				
1-29					
-1-29	Piney Holdings, Inc.	Antero Resources Corporation	20%	189A/64	0.00%
3-1-20 3-1-29 3-1-31		Antero Resources Corporation EQT Production Company SWN Production Company, LLC/Equinor USA	20%	189A/64 231A/59	0.00%

ASSIGNMENT AND CONVEYANCE

This Assignment and Conveyance (this "Assignment") is from TH Exploration, LLC, a Texas limited liability company ("Assignor"), to SWN PRODUCTION COMPANY, LLC, a Texas limited liability company ("SWN"), and EQUINOR USA ONSHORE PROPERTIES INC, a Delaware corporation ("EQNR" and, together with SWN, the "Assignees"), and is executed on July (..., 2022 (the "Effective Date"). Assignor and Assignees may be referred to herein collectively as the "Parties," or individually as a "Party." Capitalized terms used herein but not otherwise defined herein (including in Section 3.7) shall have the meanings given such terms in that certain Acreage Trade Agreement between the Assignor and the Assignees dated March 25, 2022 (the "Acreage Trade Agreement").

ARTICLE 1 ASSIGNMENT OF ASSETS

Section 1.1 <u>Assignment</u>. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby GRANTS, BARGAINS, ASSIGNS, CONVEYS AND TRANSFERS unto (a) SWN an undivided <u>74.0000%</u> of Assignor's right title and interest in and to and (b) EQNR an undivided <u>26.0000</u>% of Assignor's right, title and interest in and to, in the case of both (a) and (b), (i) the oil and gas leases described in more detail on <u>Exhibit A</u> attached hereto (the "Leases") INSOFAR AND ONLY INSOFAR as they cover those lands described on <u>Exhibit A</u> (the "Leasehold Rights") and (ii) any surface use agreements that relate to such Leasehold Rights (collectively with the Leasehold Rights, the "Conveyed Assets").

TO HAVE AND TO HOLD the Conveyed Assets, together with all and singular the rights, privileges, contracts and appurtenances, in any way appertaining or belonging thereto, unto Assignees, its successors and assigns, forever, subject, to the terms and conditions of this Assignment.

Section 1.2 <u>Assignment Subject to Acreage Trade Agreement</u>. This Assignment is made in accordance with and is subject to the terms, covenants and conditions contained in that certain Acreage Trade Agreement. In the event of a conflict between the provisions of the Acreage Trade Agreement and this Assignment, the provisions of the Acreage Trade Agreement shall control. The execution and delivery of this Assignment by Assignor, and the execution and acceptance of this Assignment by Assignees, shall not operate to release or impair any surviving rights or obligations of either Party with respect to the other under the Acreage Trade Agreement.

ARTICLE 2 SPECIAL WARRANTY OF TITLE AND DISCLAIMERS

Section 2.1 <u>Special Warranty of Title</u>. Assignor hereby agrees to warrant and defend Defensible Title to the Leases unto Assignees, its successors and assigns, against every Person whomsoever lawfully claiming or to claim the same or any part thereof by, through or under Assignor or any of their respective Affiliates, but not otherwise.

Section 2.2 Disclaimers of Warranties and Representations.

EXCEPT AS EXPRESSLY REPRESENTED OTHERWISE IN SECTION (a) VI OF THE ACREAGE TRADE AGREEMENT OR THIS ASSIGNMENT, ASSIGNOR MAKES NO, AND HEREBY EXPRESSLY DISCLAIMS, ANY REPRESENTATION OR WARRANTY, EXPRESS, IMPLIED OR STATUTORY, INCLUDING AS TO (I) TITLE TO THE LEASEHOLD RIGHTS, (II) THE CONTENTS, CHARACTER OR NATURE OF ANY DESCRIPTIVE MEMORANDUM, OR ANY REPORT OF ANY OF ITS PETROLEUM ENGINEERING CONSULTANTS, OR ANY GEOLOGICAL OR SEISMIC DATA OR INTERPRETATION, RELATING TO THE LEASEHOLD RIGHTS, (III) THE QUANTITY, OUALITY OR RECOVERABILITY OF PETROLEUM SUBSTANCES IN OR FROM THE LEASEHOLD RIGHTS, (IV) THE EXISTENCE OF ANY PROSPECT, OR ANY RECOMPLETION, INFILL OR STEP-OUT DRILLING OPPORTUNITIES, (V) ANY ESTIMATES OF THE VALUE OF THE LEASEHOLD RIGHTS, (VI) THE PRODUCTION OF PETROLEUM SUBSTANCES FROM THE LEASEHOLD RIGHTS, OR ANY PRODUCTION OR DECLINE RATES, (VII) THE MAINTENANCE, REPAIR, CONDITION, QUALITY, SUITABILITY, DESIGN OR MARKETABILITY OF THE LEASEHOLD RIGHTS, (VIII) INFRINGEMENT OF ANY INTELLECTUAL PROPERTY RIGHT, AND (IX) ANY OTHER MATERIALS OR INFORMATION THAT MAY HAVE BEEN MADE AVAILABLE OR COMMUNICATED TO TUG HILL OR ITS AFFILIATES, OR ITS OR THEIR RESPECTIVE EMPLOYEES, AGENTS, CONSULTANTS, REPRESENTATIVES OR ADVISORS IN CONNECTION WITH THE TRANSACTIONS CONTEMPLATED BY THIS ASSIGNMENT OR ANY DISCUSSION OR PRESENTATION RELATING THERETO, AND FURTHER DISCLAIMS ANY REPRESENTATION OR WARRANTY, EXPRESS, IMPLIED, OR STATUTORY, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OF MATERIALS OR ANY EQUIPMENT, IT BEING EXPRESSLY UNDERSTOOD AND AGREED BY THE PARTIES THAT, EXCEPT AS EXPRESSLY REPRESENTED OTHERWISE IN SECTION VI OF THE ACREAGE TRADE AGREEMENT OR THIS ASSIGNMENT, THE LEASEHOLD RIGHTS ARE BEING TRANSFERRED BY IT "AS IS, WHERE IS," WITH ALL FAULTS AND DEFECTS.

ARTICLE 3 MISCELLANEOUS

Section 3.1 <u>Separate Assignments</u>. Where separate assignments of Conveyed Assets have been, or will be, executed for filing with and approval by applicable Governmental Authorities, any such separate assignments (a) shall evidence the Assignment and assignment of the applicable Conveyed Assets herein made, and shall not constitute any additional Assignment or assignment of the Conveyed Assets, (b) are not intended to modify, and shall not modify, any of the terms, covenants and conditions, or limitations on warranties, set forth in this Assignment and are not intended to create, and shall not create, any representations, warranties or additional covenants of or by Assignor to Assignees, and (c) shall be deemed to contain all of the terms and provisions of this Assignment, as fully and to all intents and purposes as though the same were set forth at length in such separate assignments.

Section 3.2 <u>Governing Law</u>. EXCEPT TO THE EXTENT THAT THE LAWS OF THE STATE OF WEST VIRGINIA ARE MANDATORILY APPLICABLE TO THIS ASSIGNMENT IN CONNECTION WITH THE CONVEYANCES OF PROPERTY INTERESTS INVOLVING REAL PROPERTY LOCATED IN THE STATE OF WEST VIRGINIA, THIS ASSIGNMENT AND ANY CLAIM, CONTROVERSY OR DISPUTE ARISING UNDER OR RELATED TO THIS ASSIGNMENT OR THE RIGHTS, DUTIES AND RELATIONSHIP OF THE PARTIES, SHALL BE GOVERNED BY AND CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS, EXCLUDING ANY CONFLICTS OF LAW, RULE OR PRINCIPLE THAT MIGHT REFER CONSTRUCTION OF PROVISIONS TO THE LAWS OF ANOTHER JURISDICTION. EXCEPT AS OTHERWISE PROVIDED IN THE ACREAGE TRADE AGREEMENT, ANY DISPUTE, CONTROVERSY OR CLAIM ARISING OUT OF, RELATING TO OR IN CONNECTION WITH THIS ASSIGNMENT OR THE VALIDITY HEREOF, SHALL BE FINALLY SETTLED IN ACCORDANCE WITH SECTION XILE. OF THE ACREAGE TRADE AGREEMENT.

Section 3.3 <u>Successors and Assigns</u>. This Assignment shall bind and inure to the benefit of the Parties and their respective successors and assigns; *provided*, *however*, that nothing in this Assignment shall assign or grant, or in any way operate to assign or grant, any right, title or interest in, to or under the Acreage Trade Agreement to any successor or assign of Assignees with respect to the Conveyed Assets or any part thereof, it being expressly understood that rights, titles and interests under the Acreage Trade Agreement may only be obtained or assigned in accordance with the terms thereof.

Section 3.4 <u>Titles and Captions</u>. All Article or Section titles or captions in this Assignment are for convenience only, shall not be deemed part of this Assignment and in no way define, limit, extend or describe the scope or intent of any provisions hereof. Except to the extent otherwise stated in this Assignment, references to "Articles" and "Sections" are to Articles and Sections of this Assignment, and references to "Exhibits" are to the Exhibits attached to this Assignment, which are made a part hereof and incorporated herein for all purposes.

Section 3.5 <u>Counterparts</u>. This Assignment may be executed in any number of counterparts, and each such counterpart hereof shall be deemed to be an original instrument, but all of such counterparts shall constitute for all purposes one agreement. Multiple counterparts of this Assignment may be recorded with federal agencies and in the counties and parishes of the states where the Conveyed Assets are located, but the inclusion of a description of any Asset in more than one counterpart of this Assignment shall not be construed as having effected any cumulative, multiple or overlapping interest in the applicable Asset. Any signature hereto delivered by a party by facsimile or other electronic transmission shall be deemed an original signature hereto.

Section 3.6 <u>Prior Representations, Warranties and Covenants</u>. To the extent, and only to the extent, (a) permitted by Law, (b) of any indemnity of Assignees provided to Assignor under the Acreage Trade Agreement and (c) such subrogation is not prohibited or otherwise restricted by the respective underlying instrument or agreement, Assignees shall be subrogated to Assignor's rights in and to all representations, warranties and covenants given with respect to the Conveyed Assets. To the extent provided in the preceding sentence, Assignor hereby grants and transfers to Assignees, its successors and assigns, to the extent so transferrable and permitted by Law, the benefit of and the right to enforce all representations, warranties and covenants, if any, which Assignor is entitled to enforce with respect to the Conveyed Assets. Section 3.7 <u>Definitions</u>. When used in this Assignment, the following terms shall have the meanings specified:

"Defensible Title" means, other than Permitted Encumbrances, with respect to such title of Assignor that:

(i) entitles Assignees (in the aggregate) to the Net Acreage that is set forth on Exhibit B to the Acreage Trade Agreement for such Lease;

(ii) entitles Assignees (in the aggregate) to receive and retain from each Lease described in <u>Exhibit B</u> to the Acreage Trade Agreement not less than the percentage set forth on <u>Exhibit B</u> to the Acreage Trade Agreement as the Net Revenue Interest in such Lease; and

(iii) is free and clear of all liens (including mortgages or deeds of trust), suits, judgments, encumbrances, charges, adverse claims, burdens and defects that may adversely affect the ownership, development, operation or value of such Lease.

(Remainder of page intentionally left blank. Signatures to follow)

EXECUTED as of the date of the Parties' acknowledgments below, but effective at the Effective Date.

ASSIGNOR:

TH EXPLORATION, LLC, a Texas limited liability company

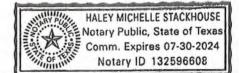
By: David D. Kalish Title: Senior Vice President - Land

ACKNOWLEDGMENTS

STATE OF TEKOD

On this, the day of July, 2022, before me a Notary Public, the undersigned officer, David D. Kalish, personally appeared and acknowledged himself to be the Senior Vice President - Land of TH Exploration, LLC, and that he as such Senior Vice President - Land and being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as Senior Vice President - Land.

SEAL My commission expires: 07-30-20-24



ASSIGNEES:

SWN PRODUCTION COMPANY, LLC a Texas limited liability company

BAN By: Name: LAND Title: MANA

ACKNOWLEDGMENTS

On this, the <u>l</u> day of <u>July</u>, 2022, before me a Notary Public, the undersigned officer, <u>PAUL M. BACho</u>, personally appeared and acknowledged himself to be the <u>LAND MANAGER</u> of <u>SUN ROLUCION of MANAGEN</u> <u>ICHOS Limited Gability</u>, and that he as such <u>LAND MANAGEN</u> and being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as <u>LAND MANAGER</u>.

LAL SHIPP ...iary ID # 6231071 cipires February 20, 2024

STATE OF IEVAS COUNTY OF HARR

SEAL My commission expires: 2/20/2024

Notary Public

SHEILA L SHIPP My Notary ID # 6231071 Expires February 20, 2024

ASSIGNEES

EQUINOR USA ONSHORE PROPERTIES INC, a Delaware corporation

ACKNOWLEDGMENTS

STATE OF _____ COUNTY OF _____

On this, the _____ day of ______, 2022, before me a Notary Public, the undersigned officer, _______, personally appeared and acknowledged himself to be the ________, and that he as such _______ and being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as ______.

Notary Public

SEAL My commission expires: _____

			Ex	chibit	"A"						
Leases - TH Exploration, LLC to SWN and EQNR											
Attached to and made a part of that certain Assignment and Conveyance, effective July 6 2022 by and between TH Exploration, LLC and SWN Production Company, LLC and Equinor USA Onshore Properties Inc.											
TH Lease Number	TH Lessor Lessor Lessor Effective Date County District BK-PG Gross Acres Tax Parcel Number Partial Assignment Conveyed Parcels Parcels Depths										
10*40410	DELORSE A HORNER. WIDOW	TH EXPLORATION. LLC	03/03/2022	Wetzel	Clay	285A - 65	7.500000	3-1-7	No	3-1-7	ALL

4705102463

Tel: 304 884 1610

Fax: 304 471 2497 www.swn.com

SWN Production Company, LLC 1300 Fort Pierpont Dr, Ste 201 Morgantown, WV 26508



July 14, 2022

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

RE: SWN's proposed New Well: Yocum MSH 6H in Marshall County, West Virginia, Drilling under Amos Hollow Road, Rice Ridge Road, and Low Gap Run Road.

Dear Mr Brewer:

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

Thank you.

Sincerely,

Ian R. Nicas Staff Landman SWN Production Company, LLC

> RECEIVED Office of Oil and Gas

JUL 2 0 2022

WV Department of Environmental Protection

The Right People doing the Right Things, wisely investing the cash flow from our underlying Assets, will create Value+®

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

	-	A.	1
Date of Notice Certification:	7	1	
			C

API No. 47-009 -Operator's Well No. Yocum MSH 6H Well Pad Name: Yocum MSH

Notice has been given:

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

State:	West Virginia	LITM NAD 07	Easting;	535659.83	
County:	051-Marshall	UTM NAD 83	Northing:	4398187.57	
District:	Liberty	Public Road Acc	ess:	Amos Hollow Road	
Quadrangle:	Littleton	Generally used f	arm name:	Yocum	
Watershed:	Upper Ohio South				

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

Pursuant to West Virginia Code § 22-6A, the Operator has a that the Operator has properly served the required parties w *PLEASE CHECK ALL THAT APPLY	
	ICE NOT REQUIRED BECAUSE NO ACTIVITY WAS CONDUCTED NOT REQUIRED
\blacksquare 2. NOTICE OF ENTRY FOR PLAT SURVEY or \Box	NO PLAT SURVEY WAS CONDUCTED
NOTICE	ICE NOT REQUIRED BECAUSE OF ENTRY FOR PLAT SURVEY NDUCTED or
	TTEN WAIVER BY SURFACE OWNER LEASE ATTACH)
■ 4. NOTICE OF PLANNED OPERATION	RECEIVED Diffice of Oil and Gas
5 . PUBLIC NOTICE	JUL 2 0 2022
■ 6. NOTICE OF APPLICATION	WV Department of Environmental Protection

Required Attachments:

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

Certification of Notice is hereby given:

THEREFORE, I Brittany Woody

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

Well Operator:	SWN Production Co., LLC	Address:	1300 Fort Pierpont Dr., Suite 201
By:	Brittany Woody		Morgantown, WV 26508
Its:	Senior Regulatory Analyst	Facsimile:	
Telephone:	304-884-1610	Email:	Brittany_Woody@swn.com
47 Spc	NOTARY SEAL REID CROFT Notary Public Official Seal State of West Virginia My Comm. Expires Aug 21, 2024 arrow Lane Morgantown WV 26508	Subscribed and swo Girl (My Commission E:	Notary Public

Oil and Gas Privacy Notice:

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

> RECEIVED Office of Oil and Gas

JUL 2 0 2022

WV Department of Environmental Protection

WW-6A		API NO. 47-009 -
(9-13)		OPERATOR WELL NO. YOCUM MSH
4- 64		Well Pad Name: Yocum MSH
		STATE OF WEST VIRGINIA
DEPART	MENT OF ENVI	RONMENTAL PROTECTION, OFFICE OF OIL AND GAS
		NOTICE OF APPLICATION
Notice Time Requirement:	notice shall be provi	ded no later than the filing date of permit application.
Date of Notice: 1/19 1		7/10
Date of Notice:	Date Permit Applica	tion Filed:
Notice of:		
PERMIT FOR ANY	CERTIF	CATE OF APPROVAL FOR THE
WELL WORK		RUCTION OF AN IMPOUNDMENT OR PIT
HELL HOTEL	consti	
Delivery method pursuant	to West Virginia C	ode § 22-6A-10(b)
D PERSONAL	REGISTERED	METHOD OF DELIVERY THAT REQUIRES A
SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
		a ev to ed e e a v c becomenta

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal scams; (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& Plan Notice Well Plat Notice is hereby provided to:

☑ SURFACE OWNER(s)	COAL OWNER OR LESSEE
Name: Joseph L. Yocum	Name: Blaze Minerals
Address: 230 Curtis Ave	Address: 520 Folly Road, Suite P285
Moundsville, WV 26041	Charleston, SC 29412
Name: Michael D. Yocum	COAL OPERATOR
Address: 2001 4th Street	Name:
Moundsville, WV 26041	Address:
SURFACE OWNER(s) (Road and/or O	ther Disturbance)
Name:	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEXOR SPEIVED
	SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR SCEIVED Name: See Attachment 13A
Name:	Address:
Address:	JUL 2 0 2022
and the second second second	OPERATOR OF ANY NATURAL GAS ST
SURFACE OWNER(s) (Impoundments	or Pits)
Name:	Address: Environmental Protection
Address:	
	*Please attach additional forms if necessary

TURAL GAS STORAGE FIELD

6H

API 10 47-09 OPERATOR WELLNO SoundBHEL WillPud Name: SoundSt

STATE OF WENT VIRGINIA DEPARTMENT OF ENVENTIMENTAL PROTECTION, OF OF OF AND SAS <u>NUTICE OF AUTOCOMMENTAL OF AUTOCOM</u>

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	A REAL REQUIRES A	U TA MANATANA AN	ATTACHER TE	TERSONAL
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Pursaan to M. Va. Code § 12-64-10(5) nodata finin the fining date of the exploration, mangolicantific appoint for any coll mother for a peruficale of approximation be construction of an impoundment or privation in this anall defined by personal spirited or by bus using many and a deliver were and a second or second or signature communication of the application transform solition control plan required by section seven of d. s. oracle, and the well plan in each of the following persons: (1) No means of record of he sufficient the prior the work is on is compared to be located. (1) The average of readed of the angle and for the tarts average he bil and ges braschold being developed by the prenoted wells with the surface and to reads arother land diffrantation as perentied in Driveronounged optimized (annul plan submitted planar to subscorbon section section sector (2) The coal or act, posistor or used, to be worthic trace of land on which the well proposed ratio official relative head is known a be which the became up hord coal scars: (4) The owners of report of the survect time or time's overlying the oil and gas leasthold bring developed by the proposed កុំស៊ា work) លោក ចលនៃស ពេល ធ្វើស by used សៃ សំខ្យាន់ថា ពាន់លុះ សានលោកសារនៅសេលា ស្ថាន៍ស្រាយ សំ សាន់សារ សំណើលសារ ស jupundai-at or pit as discubbe in section nine of this acticle. (5) Any surface on fice or accepts 2, or whe is indevicto the aculicmum. have a voter well sprag or water supply zon the including and theorems and any bendred there is reader the web pad, which is have to provide water Or consumption by humans are concester annals; and (6) Roch praide all a subaral 2012 states which which which the prepared white work activity is to usic place (u)(1) blaces than times to annaton or advector-owners of principals assessed in **jubse**rdon (b) of this section Hold interpret in the react the application's second documents required apprehimences in the g voide of 90 share sequed to be somnizized pressorion sight, actede etc. chapter eleven 2 of this equat(7). New theread we sav provision of the article to the convert, notice near long helder is not notice to a hold ector, unders the helder is the lend where 'W. Ale Code R. \$75-8-57, a condestin periode an ine operatorishall also and ide the WeltStre Schw Plan ("WISP") in the sentred concerned mov water purves or surface to act to act to actica and reserved and any area in section of the contract of the public to

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"Please much additional forms is necessary

WW-6A (9-13)

API NO. 47-051 -OPERATOR WELL NO. Yocum MSH 6H Well Pad Name: Yocum MSH

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

Dat	ice Time Requireme e of Notice: 1/19 ice of:		notice shall be prov ate Permit Applica		later than the filing date of permit application. led:
7	PERMIT FOR ANY WELL WORK				OF APPROVAL FOR THE ON OF AN IMPOUNDMENT OR PIT
Del	ivery method pursu:	ant t	o West Virginia C	ode § 2	2-6A-10(b)
	PERSONAL SERVICE		REGISTERED MAIL		METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
certi	ficate of approval for	the c	onstruction of an im	poundm	ling date of the application, the applicant for a permit for any well work or for a ent or pit as required by this article shall deliver, by personal service or by receipt or signature confirmation, copies of the application, the erosion and

ervice or by e erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the crosion 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)	
Name: Susan and Frank Stipetich	
Address: 310 3rd Street	
Glen Dale, WV 26038	
Name: Phillip D. High	
Address: 37 Aaronwoods Court	
Wheeling, WV 26003	
SURFACE OWNER(s) (Road and/or Other Dist	urbance)
Name:	
Address:	
Name:	
Address:	
SURFACE OWNER(s) (Impoundments or Pits)	
Name:	
Address:	

COAL C	WNER OR LESSEE
	257 Technology Drive Suite 101
Canonsburg, F	PA 15317-6506
COAL O Name:	PERATOR
Address:	
	CE OWNER OF WATER WELL WATER PURVEYOR(s)
Name:	WATER PORVETOR(S)
Address: _	
OPERAT	FOR OF ANY NATURAL GAS STORAGE FIELD
Address:	Office of Oil and Gas
	JUL 2 0 2022
*Please atta	ach additional forms if necessary

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.

RECEIVED

Additional information related to horizontal drilling may be obtained from the Secretary, at the While any of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oiland-gas/pages/default.aspx. JUL 2 0 2022

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

WW-6A (8-13)

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 JUL 2 0 2022

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.



Time Limits and Methods for Filing Comments.

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

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

Comment Requirements

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

Disclaimer: All comments received will be placed on our web site <u>http://www.dep.wv.gov/oil-and-gas/Horizontal-</u> <u>Permits/Pages/default.aspx</u> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

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

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

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

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

JUL 2 0 2022

WV Department of Environmental Protection

API NO. 47-009 -
OPERATOR WELL NO. YOCUM MSH 6H
Well Pad Name: Yocum MSH
Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508
Facsimile:

Oil and Gas Privacy Notice:

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

OF WEST VIE	REID CROFT
E LANK	Notary Public Official Seal
i EE	State of West Virginia
The guns	My Comm. Expires Aug 21, 2024
	ow Lane Morgantown WV 26508

Subscribed and sworn before me this l^{st} day of	Jac, 2022.
al Cruf	Notary Public
My Commission Expires 8/21/2024	

RECEIVED Office of Oil and Gas

JUL 2 0 2022

WV Department of Environmental Protection

6A H20

OWNERNAME	ADDRESS	CITY/STATE/ZIP	PARCEL ID	WaterSources
GEDEON DANIEL D ET UX	6740 PARK RD	LEAVITTSBURG, OH 44430	07 26000600000000	-3
VELLEKOOP PETER ET UX	220 CRYSTAL COVE RD	WALDOBORO, ME 04572	07 26000600020000	1
YOCUM MICHAEL DAVID ET AL	2001 4TH ST	MOUNDSVILLE, WV 26041	07 27000400010000	1
HIGH PHILIP D	37 AARON WOODS CT	WHEELING, WV 26003	07 27000800000000	1

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RECEIVED Office of Oil and Gas

'JUL 2 0 2022

WV Deps and of Environmente

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

entry Date of Notice: 5/18/202		nned Entry: <u>5/25/2022</u>
Delivery method purs	uant to West Virginia C	ode § 22-6A-10a
D PERSONAL SERVICE	REGISTERED MAIL	METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
on to the surface tract t but no more than forty- beneath such tract that owner of minerals under and Sediment Control I Secretary, which staten	o conduct any plat survey five days prior to such en has filed a declaration put erlying such tract in the co Manual and the statutes ar tent shall include contact er to obtain copies from th	Prior to filing a permit application, the operator shall provide notice of planned entry s required pursuant to this article. Such notice shall be provided at least seven days my to. (1) The surface owner of such tract; (2) to any owner or lessee of coal seams rsuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any punty tax records. The notice shall include a statement that copies of the state Erosion ad rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to be secretary.
SURFACE OWNI	ER(s)	COAL OWNER OR LESSEE
		Name:
Name		
Address:		MINERAL OWNER(s)
		Name: Thomas Elwood Franklin
Name:		Address: 43 Ridgeway Drive
Address:		Mechanicburg, PA 17050 *please attach additional forms if necessary
		- predše attačn auditivitat toritis ir necessary

a plat survey	on the tract of land as follows:			
State:	West Virginia	Approx. Latitude & Longitude:	39.732795, -80.583668	
County: District:	Marshall	Public Road Access:	Amos Hollow Road West Virginia Fork Fish Creak	
	Liberty	Watershed:		
Quadrangle:	Liltileton	Generally used farm name:	Yocum	

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

Notice is here Well Operator:	by given by: SWN PRODUCTION COMPANY, LLC	Address:	JUL 2 0 2022	
Telephone:	304-884-1610		Morgantown, WV 26508 WV Department of	5
Email:	brittany_woody@swn.com	Facsimile:	Environmental Protection	2

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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 dominact of the privacy o

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

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

Date of Notice: 5/18/22	Date of Planned Entry:	5/25/22
Delivery method pursuant to W	Vest Virginia Code § 22-6A-10	0a
		IOD OF DELIVERY THAT REQUIRES A IPT OR SIGNATURE CONFIRMATION
on to the surface tract to conduct but no more than forty-five days beneath such tract that has filed a owner of minerals underlying suc and Sediment Control Manual an	any plat surveys required pursu prior to such entry to: (1) The s declaration pursuant to section ch tract in the county tax record d the statutes and rules related t include contact information, inc	permit application, the operator shall provide notice of planned entry tant to this article. Such notice shall be provided at least seven days surface owner or such tract, (2) to any owner or lessee of coal seams a thirty-six, article six, chapter twenty-two of this code; and (3) any is. The notice shall include a statement that copies of the state Erosion to oil and gas exploration and production may be obtained from the cluding the address for a web page on the Secretary's web site, to
SURFACE OWNER(s) Name: Joseph L. Yocum Address: 230 Curtis Ave Moundsville, WV 26041 Name: Michael D. Yocum	/	COAL OWNER OR LESSEE Name: Blaze Minerals, LLC Address: 520 Folly Road, Suite P285 Charleston, SC 29412 MINERAL OWNER(s)
Address: 2001 4th Street Moundsville, WV 26041		Name: Columbia Gas Transmission, LLC
Name: Susan and Frank Stipetich Address: 310 3rd Street		Address: 5151 San Felipe, Suite 2500
Glen Dale, WV 26038		*please attach additional forms if necessary
Notice is hereby given:		

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

State:	West Virginia	Approx. Latitude & Longitude:	39.732795, -80.583668	_
County:	Marshall	Public Road Access:	Amos Hollow Road	_
District:	Liberty	Watershed:	West-Virginia Fork Fish Creek	_
Quadrangle.	Littleton	Generally used farm name.	Yocum	_

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Projection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting wave departed or and easy provide and easy provide

Notice is here	hy given hy		JUL 2 0 2022	
Well Operator:	SWN PRODUCTION COMPANY, LLC	Address:	1300 Ber Pierpon Pro Suite 201	
Telephone:	304-884-1610		nVH8BPHEHRaWYr29598n	
Email:	brittany_woody@swn.com	Facsimile:		

Oil and Gas Privacy Notice:

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

WW 6.03 Operator Well No. Your Mell (1/2) STATE OF VEEST VIRCINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE TIME Requirements: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry Date of Notice: State of Planned Entry Berger method pursuants to West Virginia Code § 22-6A-108 ENCEPT OR SIGNATURE CONFIRMATION Presson NL REGISTERED Demine permit application, the operator shall provide notice of planned entry on to are are than a ford shall code dearnation pursuants on section thiny-struct configuration to this arifes Sch and and production may construct at a conduct any plan structure required parsant to this arifes Sch and and production may construct a conduct and the structure and use evalue of a structure requires the science of the science shall include a statement that copies of the structure and use evalue of a structure and production may be obtained from the science shall include a statement that copies of the structure and use science thins. Notice is hereby provided to: C COAL OWNER OR LESSEE Name: Minet Netry Name: Address: Name: Approx. Latitude & Longitude:				
(1/12) STATE OF WEST VIRGINIA DEPARTMENT OF DATABATION OF OUR OF WEST VIRGINIA DEPARTMENT OF DATABATION OF OTHER OF OUR OTHER OF OUT OF OUR OTHER OF OUT OF	WWW.6A3			Operator Well No. Yocum MSH
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DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to enty Date of Planned Entry:	(1/12)			
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to enty Date of Planned Entry:		OT ATE /	WEST VIDCINIA	
NOTICE OF ENTRY FOR PLAT SURVEY Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry Delivery method pursuant to West Virginia Code § 22-6A-10a Delivery method pursuant to West Virginia Code § 22-6A-10a Image: Construct the Construct that REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a). Prior to filing a permit application, the operator shall provide noise of planned entry on to the surface tract to conduct any plas surveys required pursuant to this arride. Such notice shall be provided at least seven days but no more than FIOY-FIO at 100 that the survey inter at the construct where the construct may play surveys required pursuant to this arride. Such notice shall be provided at least seven days but no more than FIOY-FIO at 200 threat that the condice statement shall include contact more than conject of the statement shall include contact match (2) to any owner or interest condex and (3) any owner or interest match that the file condex and (3) any owner or interest include contact match at the statement shall include contact information, including the address for a web page on the Secretary's website, to enable the surface owner to obtain explore that secretary. Notice is hereby provided to: 	0.0	NUMBER OF THE OWNERS AND	TAT BROTECTION OFFI	CE OF OH AND CAS
Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry Date of Planned Entry:	DE	PARIMENT OF ENVIRONMEN	IAL PROTECTION, OFFI	CE OF OIL AND GAS
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entry Date of Plauned Entry: \$\frac{1}{3}\$			Construction of the second second second	DODEN FRIE (IP) dave adjects
Date of Notice: Date of Plauned Entry: Date of Plauned Entry: Date of Plauned Entry: Delivery method pursuant to West Virginia Code § 22-6A-10n METHOD OF DELIVERY THAT REQUIRES A SERVICE Market REGISTERED METHOD OF DELIVERY THAT REQUIRES A SERVICE Pursuant to West Virginia Code § 22-6A-10a, Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat survey required pursuant to this mide. Such notice shall be provided at least seven days owner or inserse in coast sems bench such tract that has filed a declaration pursuant to section thiny-six, article six, chapter twenty-lwo of this tates flexing prior to such main the county it to incode a tract at load owner that copies of the state Ensoin and Sediment Control Manual and the statutes and nulls related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Manne: Manne: Manne: Mande Site is a formed a sfollows: Manne: Mande Site is a formed a sfollows: Manne: Manne:<td></td><td>tequirement: Notice shall be provided at lea</td><td>st SEVEN (7) days but no more that</td><td>an PORTY-FIVE (45) days prior to</td>		tequirement: Notice shall be provided at lea	st SEVEN (7) days but no more that	an PORTY-FIVE (45) days prior to
Delivery method pursuant to West Virginia Code § 22-6A-10a PERSONAL REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a). Prior to filing a permit application, the operator shall provide a noice of planed entry on to the surface trans to conduct any plat surveys required pursuant to this article such actes shall be provided at text seven days exertant will be the surface owner of such rare; (a) to any owner or tessee or coal scames beneath such trans file dederation pursuant to section thirty-six, article six, chapter twenty-two of this code, and (3) any owner of minerals underlying such tract in the county tax records. The noice shall include a statement that file file dederation pursuant to section thirty-six, article six, chapter twenty-two of this code, and (3) any owner of minerals underlying such tract in the county tax records. The noice shall include a statement that file file dederation pursuant to section and production may be obtained from the secretary. Notice is hereby provided to: Suprace Twenty provided to: Mame: Prior Phip Address: 37 Arceneous Court Mamedia w/ 7000 Name: Mattri Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: Warehold Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: Mamedia w/ 2000 Notice is hereby given: Public Road Access: Additional Iommation and Podelaces (1900) Note: Used the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Departmental Protection headquetes (braves) Matter to weak Waria Coopies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Depa	entry	slight	Sheha	
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Name	Address: 37 Aan	onwoods Court		uite 101
Address:	Whealing, WV 26003		Canonsburg, PA 15317-9665	
Address:	Name			
Name: Address: Y22 Rock Road Address: Plense attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.732795, -80.683668 County: Marshal Public Road Access: Amos Jolow Road District: Liberty Watershed: West Virginia F Feb Creek Quadrangle: Littleton Generally used farm name. Vocum Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquiptect integrated at 601 57 th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information/telestred/sic/hea/cgaptal drilling may be obtained from the Secretary by visiting www.dep www.env/roll-and-trace/innees/default name. JUL 2 0 2022 Notice is hereby given by: JUL 2 0 2022 Well Operator: SWN PRODUCMPANY,LLC Address: 1300 Fort Pierport DVV94Deg02/intent of Morgantown, wE005/00mmental Protection Email: Intensy weody@@wn.com Facsimile:	Address:		MINERAL OWNER(s)	
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Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: Approx. Latitude & Longitude: 39.732795, -80.583668 State: West Virginia Public Road Access: Amos Hollow Road Ounty: Marshall Watershed: West Virginia Fork Fish Creek Quadrangle: Litteton Generally used farm name. Yocum Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environments or additional information/fitebate/collegitable/collegi				
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Country: Liberty Watershed: West Virginia Fork Fish Creek Quadrangle: Liberty Generally used farm name. Yocum Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquires integrated at 601 57 th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information/fieldstroto. Yocum Obtained from the Secretary by visiting www.dep.wv.eow/oil-and-uss/parces/default ispx JUL 2 0 2022 Notice is hereby given by: JUL 2 0 2022 Well Operator: SWN PRODUCTION COMPANY, LLC Telephone: 304-884-1610 Brittary_woody@swn.com Facsimile: Oil and Gas Privacy Notice: The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at commercice of we may be and questions about our use or your personal information, please contact				39.732795, -80.583668
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obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default ASDA JUL 2 0 2022 Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Telephone: 304-884-1610 Email: brittany_woody@swn.com Facsimile: Oil and Gas Privacy Notice: The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at comparison of the privacy officer at	Charleston, WY	V 25304 (304-926-0450). Copies of such do	ocuments or additional information	netated to her contract drilling may be
Notice is hereby given by: JUL 2 0 2022 Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont ON/Subsequentment of Morgantown, w∉Dedicommental Protection Telephone: 304-884-1610 Morgantown, w∉Dedicommental Protection Email: brittany_woody@swn.com Facsimile: Oil and Gas Privacy Notice: The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at comparison of the privacy officer at c	obtained from I	the Secretary by visiting www.dep.wv.gov/o	d-und-gas/pages/default/aspi-	
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Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierport OWS@De202rtment of Morgantown, WE Dector new Protection Telephone: 304-884-1610 Morgantown, WE Dector new Protection Email: brittany_woody@swn.com Facsimile: Oil and Gas Privacy Nofice: 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 comparison of the priv	Notice is here	eby given by:		
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Email: brittany_woody@swn.com Facsimile: Oil and Gas Privacy Notice: The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at complexity of the secure of the se				
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	DEP's Chief Pi	rivacy officer at <u>departwacybethearmays unv</u>		09/02/202

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DEPA	ARTMEN	T OF ENVIRO	ONMEN CE OF E	TAL PROTEC	ETION, OFFIC	CE OF OIL AND GAS
entry					s but no more than	FORTY-FIVE (45) days prior to
Date of Notice: 5	6/18/2022	Date of Pla	nned Entr	Y <u>5/25/2022</u>		
Delivery method	pursuant t	o West Virginia C	ode § 22-6	5A-10a		
PERSONAL SERVICE		REGISTERED MAIL			IVERY THAT RE	
but no more than beneath such tract owner of minerals and Sediment Cor Secretary, which enable the surface	forty-five de t that has fil s underlying ntrol Manua statement sl e owner to o	ays prior to such en ed a declaration pur such tract in the co l and the statutes ar nall include contact btain copies from th	try to. (1) suant to so ounty tax r ad rules re information	the surface owner ection thirty-six, ar ecords. The notice lated to oil and gas on, including the ac	ticle six, chapter to shall include a sta	hall be provided at least seven days o any owner or lessee of coal seams venty-two of this code; and (3) any tement that copies of the state Erosion roduction may be obtained from the ge on the Secretary's web site, to
Notice is hereby	provided to	21				
SURFACE C	WNER(s)			COAI	LOWNER OR LES	
Name:			_	Name:		
				Address:		
				_		1
					ERAL OWNER(s)	
			-	Name: Three	e Rivers Royalty II, LLC	
Name:			-	Address:	9055 E. Mineral Cirvle, Sui	te 101
Address:			Centennial, CO 80112 *please attach additional forms if necessary			
a plat survey on t State: We	Virginia Co	ode § 22-6A-10(a), and as follows:	notice is h	Approx. Latit Public Road 4	ude & Longitude:	operator is planning entry to conduct 39.732795, -80.583668 Amos Hollow Road West Virginia Fork Fish Creek
District: Llb	епу			Watershed:	A Proventier	
Z	tleton			1	ed farm name:	Yocum
may be obtained Charleston WV	from the Se 25304 (304	nd Sediment Contro cretary, at the WV -926-0450). Copie by visiting www.de	Departments of such a	nt of Environmente locuments or addit	ional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to EFEWERA drilling may be mice of Oil and Gas
	in strengthe	10				JUL 2 0 2022
Notice is hereb Well Operator:				Address.	1300 Fort Pierpont Dr.,	Sulte, 201
Well I meraror		TION COMPANY, LLC			Morgantown WV 265	anvironmental Protection
Telephone:	304-884-1610					

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 deputy working while the average

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

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

Notice Time Requirement:	Notice shall be provided at least TEN (10) days prior to filing a permit application.
Date of Notice: 06/01/2022	Notice shall be provided at least TEN (10) days prior to filing a permit application. 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:	Joseph L. Yocum	Name:
Address: 230 Curtis Avenue	Address:	
	Moundsville, WV 26041	

Notice is hereby given:

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

State:	West Virginia	UTM NAD 83	Easting:	535,659.83	
County:	Marshall	UTM INAD 83	Northing:	4,398,187.57	
District:	Liberty	Public Road Acc	ess:	Amos Hollow Rd.	
Quadrangle:	Littleton, WV	Generally used fa	irm name:	Yocum MSH	
Watershed:	Upper Ohio South				

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:	SWN Production Company, LLC	Authorized Representative:	Justin Booth
Address:	1300 Fort Pierpont Drive, Suite 201	Address: RECEIVED	1300 Fort Pierpont Drive, Suite 201
	Morgantown, WV 26508	Office of Oil and Gas	Morgantown, WV 26508
Telephone:	304-884-1675	Telephone:	304-884-1675
Email:	Justin_Booth@swn.com	Email: JUL 2 0 2022	Justin_Booth@swn.com
Facsimile:		Facsimile:	
Oil and Cas I	winam Nation	WV Depertment of Environmental Protection	

Oil and Gas Privacy Notice:

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

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Notice Time Requirement: No	tice shall be provided at least TEN (10) days prior to filing a permit application.
Date of Notice: 06/01/2022	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):

nk Stipetich	Name:
Address: 310 3rd Street	Address:
/ 26083	
	nk Stipetich // 10000000000000000000000000000000000

Notice is hereby given:

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

State:	West Virginia	LITAINAD 82 E	Easting:	535,659.83	
County:	Marshall	UTM NAD 83	Northing:	4,398,187.57	
District:	Liberty	Public Road Acces	s:	Amos Hollow Rd.	
Quadrangle:	Littleton, WV	Generally used far	m name:	Yocum MSH	
Watershed:	Upper Ohio South				

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:	SWN Production Company, LLC	Authorized Representative:	Justin Booth
Address:	1300 Fort Pierpont Drive, Suite 201 Address: RECEIVE Morgantown, WV 26508 Office of Oil and Office of Oil and	Address: RECEIVED	1300 Fort Pierpont Drive, Suite 201
		Office of Oil and Gas	Morgantown, WV 26508
Telephone:	304-884-1675	Telephone:	304-884-1675
Email:	Justin_Booth@swn.com	Email: JUL 2 0 2022	Justin_Booth@swn.com
Facsimile:		Facsimile:	
		WV Department of	

Oil and Gas Privacy Notice:

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Environmental Protection

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

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Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing permit application. Date of Notice: 06/01/2022 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: Michael D. Yocum Address: 2001 4th Street Moundsville, WV 26041	Name:		
	2001 4th Street		Address:
	Moundsville, WV 26041		

Notice is hereby given:

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

State:	West Virginia	UTM NAD 83 Easting:	535,659.83
County:	Marshall	Northing:	4,398,187.57
District:	Liberty	Public Road Access:	Amos Hollow Rd.
Quadrangle:	Littleton, WV	Generally used farm name:	Yocum MSH
Watershed.	Lloper Ohio South		

This Notice Shall Include:

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

Notice is hereby given by:

Well Operator:	SWN Production Company, LLC	Authorized Representative:	Justin Booth
Address:	1300 Fort Pierpont Drive, Suite 201	Address:	1300 Fort Pierpont Drive, Suite 201
	Morgantown, WV 26508	RECEIVED	Morgantown, WV 26508
Telephone:	304-884-1675	Telephone: Office of Oil and O	Gan
Email:	Justin_Booth@swn.com	Email: UU D D 200	22Justin_Booth@swn.com
Facsimile:		Facsimile: JUL 2 0 202	22

Oil and Gas Privacy Notice:

WV Department of

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.

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

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

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

 Date of Notice:
 06/01/2022

 Date Permit Application Filed:

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):

Address:

Notice is hereby given:

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

State:	West Virginia	UTM NAD 83	isting:	535,659.83	
County:	Marshall	UTMINAD 83 No	orthing:	4,398,187.57	
District:	Liberty	Public Road Access:		Amos Hollow Rd.	
Quadrangle:	Littleton, WV	Generally used farm	name:	Yocum MSH	2
Watershed:	Upper Ohio South				

This Notice Shall Include:

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

Notice is hereby given by:

Well Operator:	SWN Production Company, LLC	Authorized Representative:	Justin Booth
Address:	1300 Fort Pierpont Drive, Suite 201 Address: RECEIVED Office of Oil and Gas	1300 Fort Pierpont Drive, Suite 201	
	Morgantown, WV 26508		
Telephone:	304-884-1675	Telephon'efUL 2 0 2022	304-884-1675
Email:	Justin_Booth@swn.com	Elitan.	Justin_Bootn@swn.com
Facsimile:		Facsimilevv Department of	
		Environmental Protection	

Oil and Gas Privacy Notice:

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



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: 06/01/2022 **Date Permit Application Filed:**

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

CERTIFIED MAIL	HAND
RETURN RECEIPT REQUESTED	DELIVERY

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

Notice is hereby provided to the SURFACE OWNER(s)

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

Name: Joseph L. Yocum	Name:
Address: 230 Curtis Avenue	Address:
Moundsville, WV 26041	

Notice is hereby given:

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

State:	West Virginia	UTM NAD 83	Easting:	535,659.83	
County:	Marshall	UTWINAD 85	Northing:	4,398,187.57	
District:	Liberty	Public Road Acces	ss:	Amos Hollow Rd.	
Quadrangle:	Littleton, WV	Generally used far	m name:	Yocum MSH	
Watershed:	Upper Ohio South				

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

Oil and Gas Privacy Notice:

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> RECEIVED Office of Oil and Gas

JUL 2 0 2022

WV Department of Environmental Protection

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: _______ Date Permit Application Filed: ______

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

H	CERTIFIED MAIL	HAND
	RETURN RECEIPT REOUESTED	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:	
Address:	
	Address:

Notice is hereby given:

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

State:	West Virginia	UTM NAD 83	Easting:	535,659.83	
County:	Marshall	UTMINAD 85	Northing:	4,398,187.57	
District:	Liberty	Public Road Acc	ess:	Amos Hollow Rd.	
Quadrangle:	Littleton, WV	Generally used fa	arm name:	Yocum MSH	
Watershed:	Upper Ohio South				

This Notice Shall Include:

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

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

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JUL 2 0 2022

WV Department of Environmental Protection

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: ________ 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: Mi	ichael D. Yocum	Name:
Address: 2001 4th Street Moundsville, WV 26041	001 4th Street	Address:

Notice is hereby given:

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

State:	West Virginia	UTM NAD 83	Easting:	535,659.83
County:	Marshall	UTMINAD 85	Northing:	4,398,187.57
District:	Liberty	Public Road Ac	cess:	Amos Hollow Rd.
Quadrangle:	Littletan, WV	Generally used t	farm name:	Yocum MSH
Watershed:	Upper Ohio South			

This Notice Shall Include:

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

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JUL 2 0 2022

WV Department of Environmental Protection

Operator Well No. Yocum MSH 6H

47051024

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: 06/01/2022 Date Permit Application Filed:

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

CERTIFIED MAIL	HAND
RETURN RECEIPT REOUESTED	DELIVERY

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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: Philip D. High	Name:
Address: 37 Aaronwoods Court	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	
County:	Marshall	
District:	Liberty	
Quadrangle:	Littleton, WV	
Watershed:	Upper Ohio South	

TM NAD 83	Easting:	535,65
TIVI INAU 85	Northing:	4,398,
ublic Road Ac	cess:	Amos
lenerally used	farm name:	Yocun

 ier of fund up forto from	
535,659.83	
4,398,187.57	
Amos Hollow Rd.	
Yocum MSH	

This Notice Shall Include:

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

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JUL 2 0 2022

WV Department of Environmental Protection



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways 1900 Kanawha Boulevard East • Building Five • Room 110

Charleston, West Virginia 25305-0430 • (304) 558-3505

D. Alan Reed, P.E. State Highway Engineer Jimmy Wriston, P. E. Secretary of Transportation Commissioner of Highways

May 31, 2022

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

Subject: DOH Permit for the Yocum Pad, Marshall County Yocum MSH 6H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2018-0157 which has been issued to Southwestern Energy for access to the State Road for a well site located off Marshall County Route 89 SLS MP 2.15.

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

Very Truly Yours,

Tary & Clayton

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

RECEIVED Office of Oil and Gas

JUL 2 0 2022

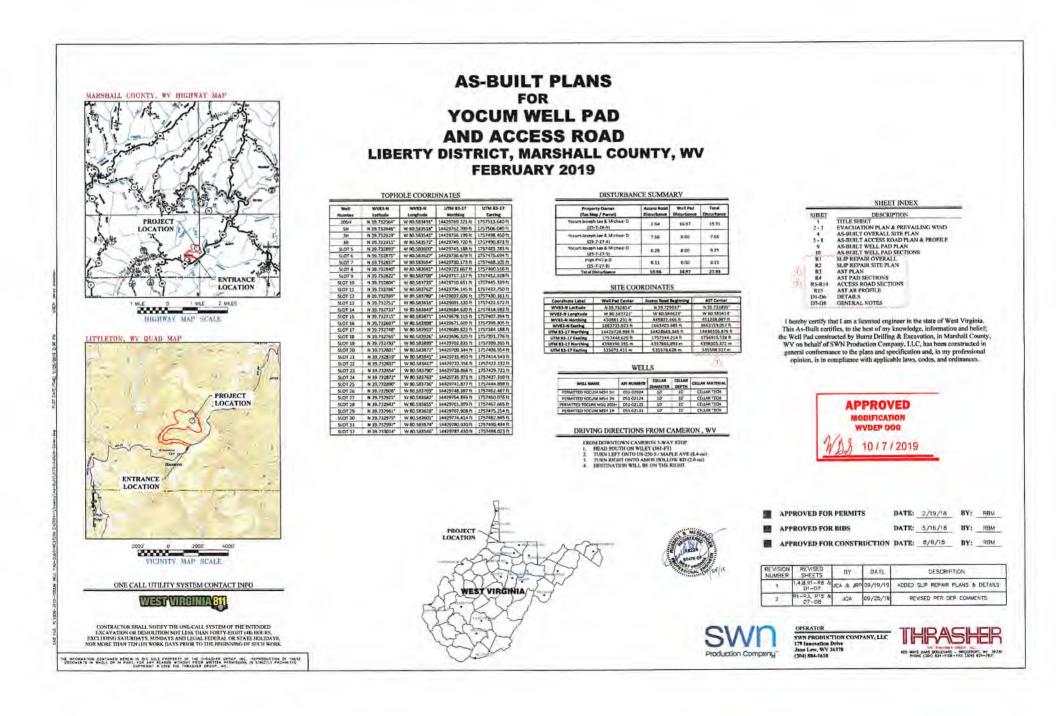
WV Department of Environmental Protection

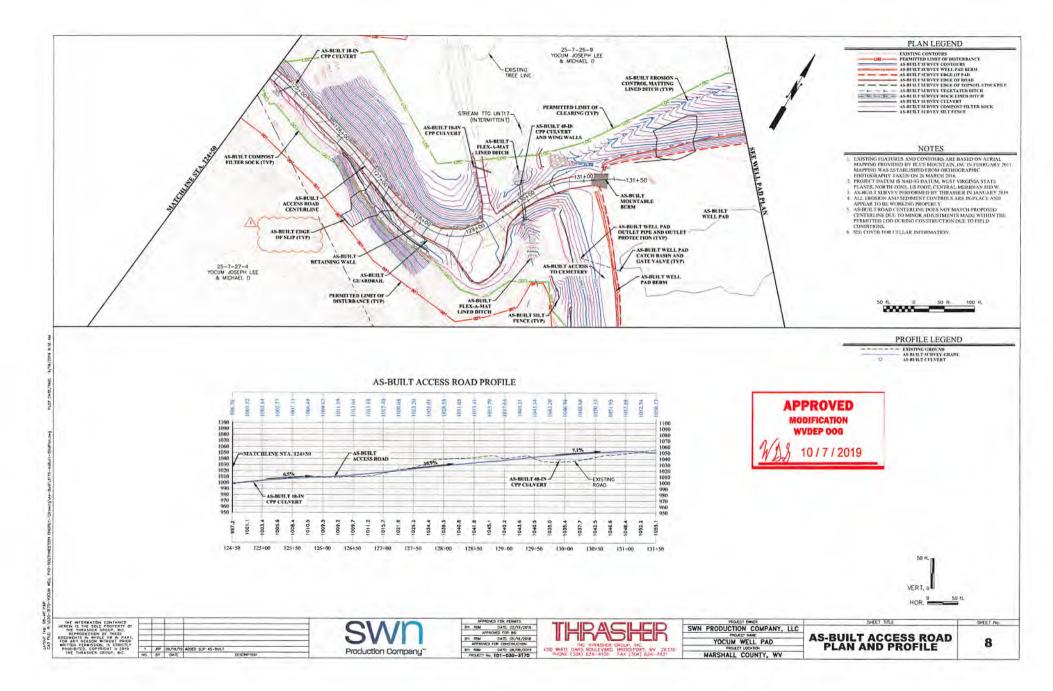
Cc: Brittany Woody Southwestern Energy CH, OM, D-6 File

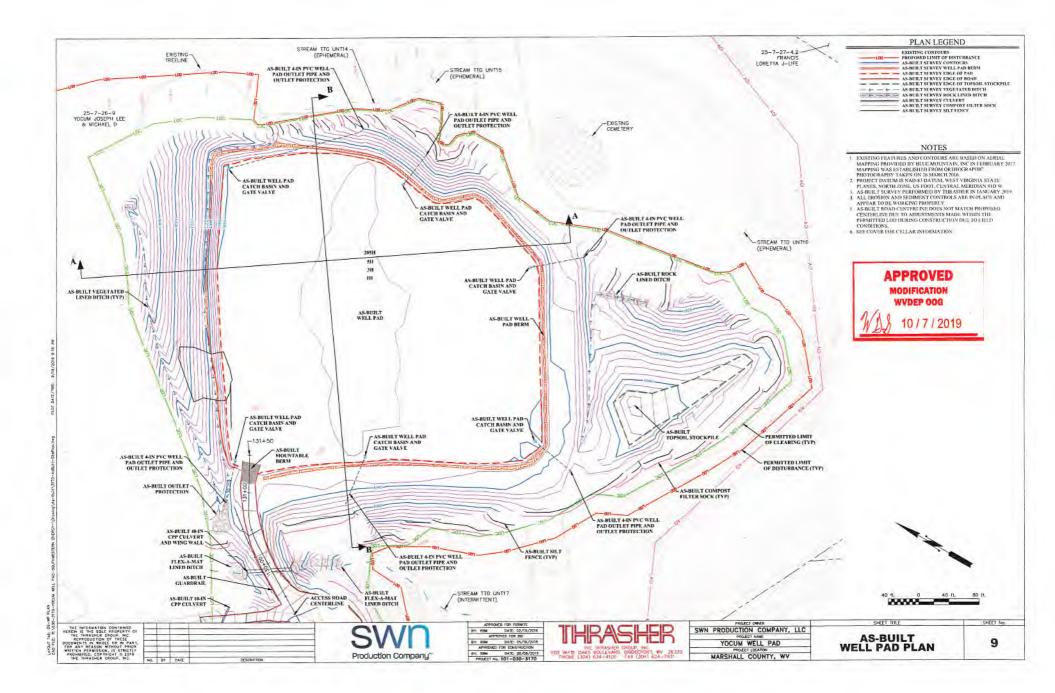
4705102463

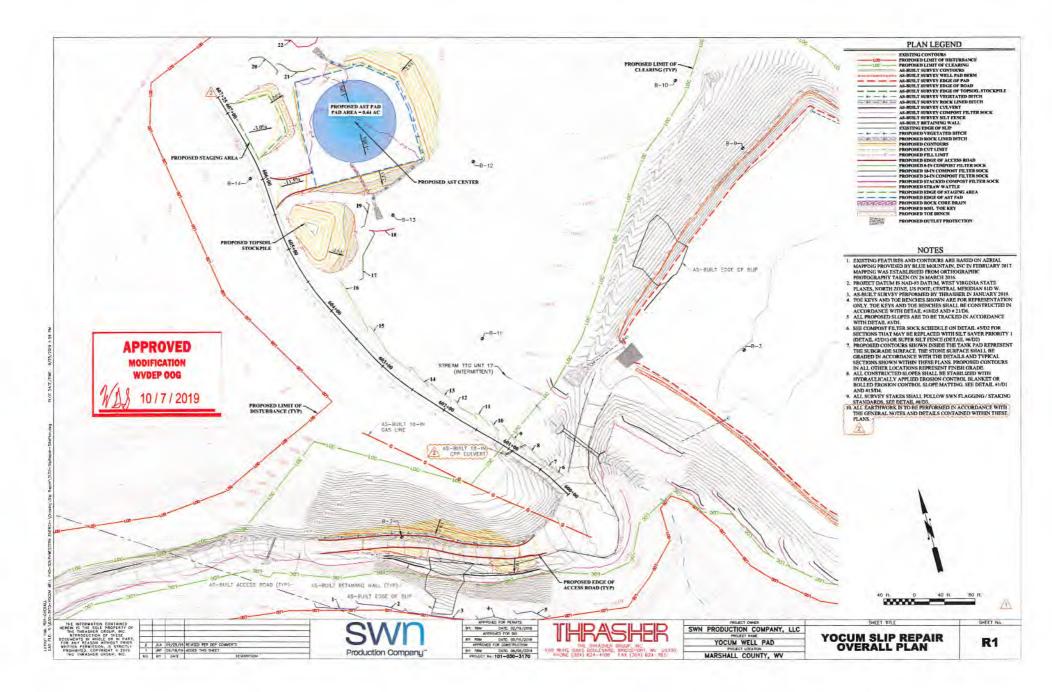
Attachment VI Frac Additives

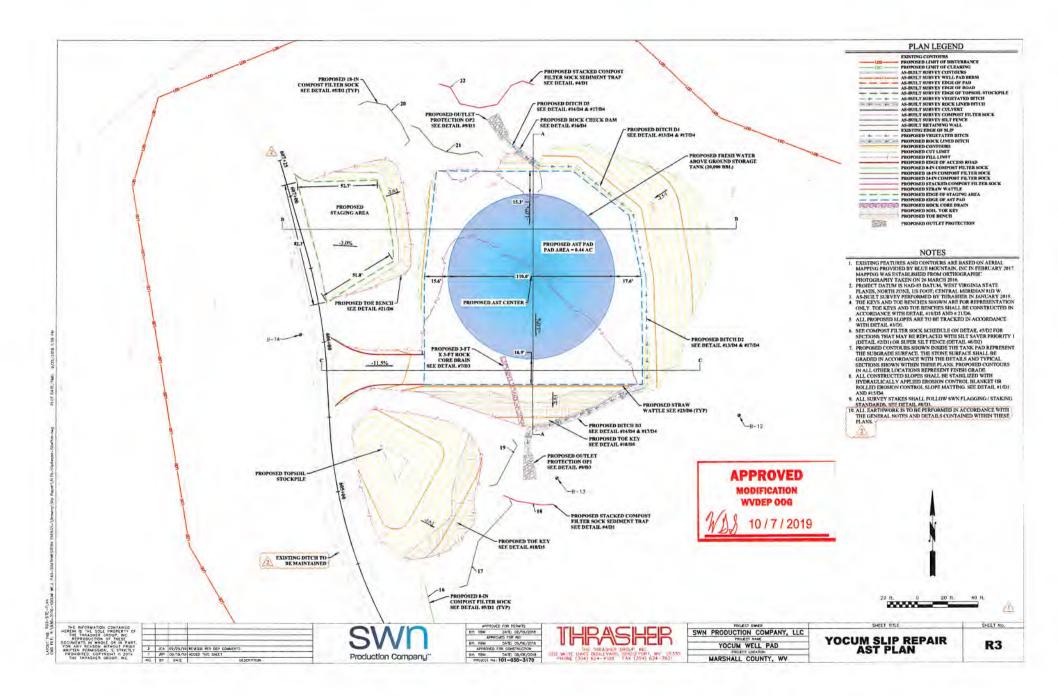
Product Name	Product Use	Chemical Name	CAS Number
AI-303 (U.S. Well Services)	Mixture	Ethylene glycol	107-21 1
		Cinnamaldehyde	104-55 2
		Butyl cellosolve	111-76 2
		Formic acid	64-18 6
		Polyether	Proprietary
		Acetophenone, thiourea, formaldehyde polymer	68527-49 1
P ONE (U.S. Well Services)	Breaker	Ammonium persulfate	7727-54-0
actron K-139 (Champion Technologies)	Biocide	Glutaraldehyde	111-30-8
	- 510000		
		Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides	68424-85-1
		Ethanol	64-17-5
actron K-219 (Champion Technologies)	Biocide	Methanol	67-56-1
			10000 V 22 3
		Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides	68424-85-1
arboNRT	Tracer	Ceramic Proppant	66402-68-4
C6486A (Nalco Champion)	Scale Inhibitor	Amine Triphosphate	Proprietary
		Ethylene Glycol	107-21-1
C7244 (Champion Tashpologics)	Biocide	Hydrogen Peroxide	7722-84-1
6734A (Champion Technologies)	biocide	- And State of the second s	64-19-7
		Acetic Acid	and the second sec
		Peroxyacetic Acid	79-21-0
ono-Cl200 (SWN Well Services)	Corrosion Inhibitor	Methanol	67-56-1
		Oxyalkylated fatty acid	68951-67-7
		Fatty acids	61790-12-3
		Modified thiourea polymer	68527-49-1
		Water	7732-18-5
		Hydrochloric acid	7647-01-0
		Potassium acetate	127-08-2
		Formaldehyde	50-00-0
opol-FEAC (SWN Well Services)	Iron Control	Acetic Acid	64-19-7
		Citric Acid	77-92-9
		Water	7732-18-5
P-S1176-15 (Halliburton)	Friction Reducer	Polyacylate	Proprietary
		Hydrotreated light petroleum distillate	64742-47-8
DJET DR900 LPP (SWN Well Services)	Friction Reducer	Distillates (petroleum) hydrotreated light	54674-47-8
		Ethylene Glycol	107-21-1
		Alcohols, C12-16, Exoxylated propoxylated	68213-24-1
		Fatty Alcohols ethoxylated	Proprietary
		Water	7732-18-5
JET DRP 1130X (SWN Well Services)	Friction Reducer	Proprietary	Proprietary
76 (Halliburton)	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8
		Inorganic Salt	Proprietary
TRON T-390 (Champion Technologies)	Scale Inhibitor	Methanol	67-56-1
(in the second sec		Nonylphenol Ethoxylate	Proprietary
-150E (Halliburton)	Corrosion Inhibitor	No hazardous substance	N/A
I-150E (Halliburton)			7647-01-0
. (SWN Well Services)	Hydrocholic Acid	Hydrochloric Acid	and the second s
		Water	7732-18-5
5 MC (Halliburton)	Scale Inhibitor	Organic phosphonate	Proprietary
		Ammonium Chloride	12125-02-9
FI-FLEX (U.S. Well Services)	Viscosifying Agent	Distillates, petroleum, hydrotreated light	64742-47-8
slick 930	Friction Reducer	Copolymer of 2-propenamide	Proprietary
	- Index (Index)	Hydrotreated Distillate	64742-47-8
		Sodium Chloride	7647-14-5
			68551-12-2
		Alcohols, C12-16, Exoxylated	A KINDOW MIGHTON
		Oleic Acid Diethanolamide	93-83-4
		Ammonium Chloride	12125-02-9
exslick 953	Friction Reducer	Petroleum Distillate	64742-47-8
		Sodium Chloride	7647-14-5
		Ammonium Chloride	12125-02-9
		N,N-bis (2-hydroxyethyl) oleamide	93-83-4
exslick 957	Friction Reducer	Petroleum Distillate	64742-47-8
unament and t	A Notion Reduced	Ammonium Chloride	12125-02-9
		Oleic Acid Diethanolamide	93-83-4
			68551-12-2
		Alcohols, C12-16, Exoxylated	
		Water	7732-15-5
FRA-2000 (U.S. Well Services)	Anionic Friction Reducer	Hydrotreated light distillate (petroleum)	64742-47-8
		Propenoic acid, polymer with propenamide	9003-06 9
xaid 655 NM	Scale Inhibitor	Diethylenetriamine penta (methylene phosphonic acid)	15827-30-8
xslick 922	no data available	Copolymer of 2-propenaminde	69418-26-4
		and still the stand stand and the standard standard standard standards and standard standards and standar	64742-47-8
		Ammonium chloride ((Offici)	12125-02-9
		Ammonium chloride (Office) of Oil and Gas	93-83-4
	Biocidal product	Tetrakis (hydroxymethyl) phosphonium sulphate	55566-30-8
alaida PS50A	biocidal product	Acadic acid terpolymore and interpolymore and address	33300-30-0
olcide PS50A		Acrylic acid terpolymerodothining cripoxylate phosphonate and sulfonate groups	
olcide PS50A		groups	397256-50-7
		Di-the	
	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8
	Friction Reducer	Hydrotreated light petroleum distillate Ethoxylated alcohol WVDep+ i/ment oc	Proprietary
	Friction Reducer	Hydrotreated light petroleum distillate Ethoxylated alcohol W Dep. Ment of Poly (over 1 zethaned)	Proprietary
D-2950		Hydrotreated light petroleum distillate Ethoxylated alcohol WV Dep + iment of Environment finder of Poly (oxy-1.2-ethanediy) appendict fidecyl omega - hydroxy-, branched	Proprietary 69011-36-5
D-2950	Friction Reducer	Hydrotreated light petroleum distillate Ethoxylated alcohol WDep - Iment of Environmentidecyl-perga-hydroxy-, branched Methanol	Proprietary 69011-36-5 67-56-1
olcide PS50A D-2950 egend LD-7750W AC MX 8-4743		Hydrotreated light petroleum distillate Ethoxylated alcohol WV Dep + iment of Environment finder of Poly (oxy-1.2-ethanediy) appendict fidecyl omega - hydroxy-, branched	Proprietary 69011-36-5

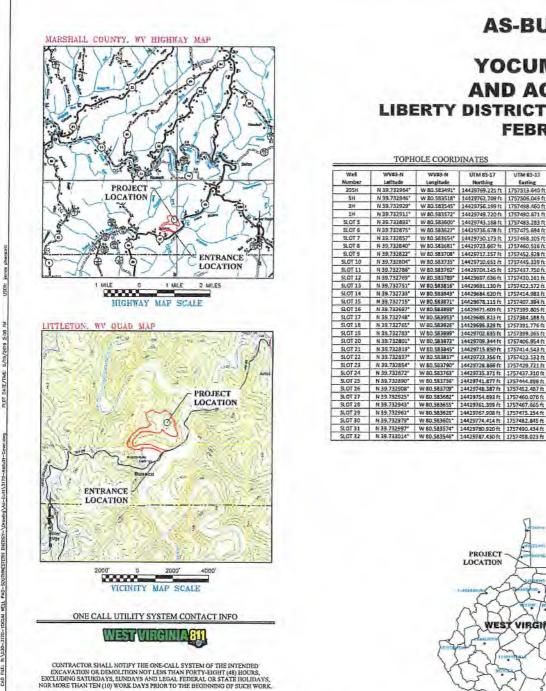












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AS-BUILT PLANS FOR YOCUM WELL PAD AND ACCESS ROAD LIBERTY DISTRICT, MARSHALL COUNTY, WV **FEBRUARY 2019**

RECEIVED Office of Oil and Gas

JUL 2 0 2022

WV Department of Environmental Protection

	manufactures in home one si se all man
	DISTURBANCE SUMMARY

UTM 83-17

Northing

UTM 83-17

Easting

1757513.640 f

1757505.049 f

1757498,460 f

1757490.871 (

1757475.694 (

1757468.105 ft

1757460,516 (

1757429.721 ft

1757444.898

1757467,665 f

WEST VIRGINIA

14429695.329 ft 1757391.776 ft

14429702 835 fr 1757399 365 f

14429709.344 ft 1757406.954 ft

PROJECT LOCATION

Property Owner (Tax Map / Parsel)	Access Read Disturbance	Well Pad Disturbance	Total Disturbance
Yocum Joseph Lee & Michael D (25-7-26-9)	2.94	16.97	19,91
Vocum Joseph (ee & Michael D [25-7-27-4]	7.66	0.00	7.66
Yocum Joseph Len & Michael D [25-7-27-5]	0.25	0.00	0.25
High Fhilip D (25-7-27-8)	0.11	0,00	0,11
Total Disturbance	10.96	16.97	27.93

SITE COORDINATES

Coordinate Label	Well Pad Center	Access Road Beginning	AST Center
WV83-N Latitude	N 39,732854"	N 39.729937*	N 39.733859"
WVES-N Longitude	W 80.583723*	W 80.584823*	W 80.585613*
WV83-N Northing	4508£1.231 ft	449822.466 ft	451268.087 ft
WV\$3-N Easting	1663725.923 ft	1663403.685 ft	1663169.057 ft
UTM 83-17 Northing	14429728.998 ft	14428665.345 tt	14430106.875 ft
UTM 83-17 Easting	1757448.620 ft	1757144.214.ft	1756915.538 ft
UTM \$3-17 Northing	4398190.195 m	1 4397865.993 m	4398305.372 m
UTM \$3-17 Easting	535671.411 m	535578.628 m	535508 927 m

WELLS

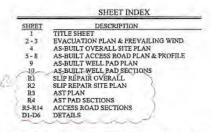
WELL NAME	APT NUMBER	DIAMETER	CELLAR	CELLAR MATERIAL
PERMITTED VOCUM MSH 5H	051-02024	10'	10'	CELLAR TECH
PERMITTED YOCUM MSH 3H	051-02124	30'	10'	CELLAR TECH
PERMITTED TOCUM MSG 205H	051-02125	50'	10	CELLAR TECH
PERMITTED YOCUM MSH 1H	051-02133	10'	10'	CELLAR TECH

DRIVING DIRECTIONS FROM CAMERON, WV

_	the second s	-
FR	OM DOWNTOWN CAMERON 3-WAY STOP	
1	READ SOUTH ON WILEY (361-FD	

TURN LEFT ONTO US-250 S / MAPLE AVE (8.4-mi) TURN RIGHT ONTO AMOS HOLLOW RD (2.0-mi) DESTINATION WILL BE ON THE RIGHT.





I hereby certify that I am a licensed engineer in the state of West Virginia. This As-Built certifies, to the best of my knowledge, information and belief; the Well Pad constructed by Burns Drilling & Excavation, in Marshall County, WV on behalf of SWN Production Company, LLC, has been constructed in general conformance to the plans and specification and, in my professional opinion, is in compliance with applicable laws, codes, and ordinances.

API	PROVED FOR	PERMIT	S	DATE:	2/19/18	BY:	RBM
API	PROVED FOR	BIDS		DATE:	5/16/18	BY:	RBM
AP	PROVED FOR	CONSTR	UCTION	DATE:	8/6/18	BY:	RBM
200							
REVISION		BY	DATE		DESCRIP		





