

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

Tuesday, September 13, 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 8H

47-051-02461-00-00

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.

Chief

YOCUM MSH 8H Operator's Well Number: Farm Name:

JOSEPH LEE AND MICHAEL

47-051-02461-00-00 U.S. WELL NUMBER:

> Horizontal 6A New Drill Date Issued: 9/13/2022

API Number:	
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PERMIT CONDITIONS

4705102461

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 supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 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:		
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PERMIT CONDITIONS

4705102461

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.

WW-6B (04/15)

		•	m d	•		100	6	-
API NO. 47-009								
OPERATOR	WELL	NC). <u>Y</u>	ocu'	m M	SH 8	Н	
Well Pad N	lame:	Yoc	um A	ISH				

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

1) Well Operat	tor: SWN	Production C	Co., LLC	494512924	051-Marsha	07-Liber	438-Littleton
				Operator ID	County	District	Quadrangle
2) Operator's V	Well Numbe	Yocum M	SH 8H	Well Pac	Name: Yocu	ım MSH	***************************************
3) Farm Name	/Surface Ow	/ner: Joseph Lee	e & Michael D.	Yocum Public Roa	d Access: Am	os Hollow	Road
4) Elevation, c	urrent groun	id: 1053!	Ele	evation, proposed	post-constructi	ion: 1053'	
5) Well Type	(a) Gas	x	Oil	Unde	erground Stora	ge	
	Other						
	(b)If Gas	Shallow	X	Deep			
		Horizontal	X	The Assessment of the State of		MAK	6/16/2022
6) Existing Pac		***************************************					ر المالي الم
 Proposed Ta Target Formation- 	rget Format Marcellus, Down-	ion(s), Depth	(s), Antici	pated Thickness at VD-7264', Target Base TVI	nd Expected P	ressure(s):	esociated Property 4750
				TO TECT, Talget base 1VI		1111CK11655- 43 , A	ssociated Pressure- 4750
8) Proposed To	tal Vertical						
9) Formation at	t Total Verti	cal Depth:	Marcellus				
10) Proposed T	otal Measur	red Depth: 2	22169'				
11) Proposed H	lorizontal Lo	eg Length:	4578.17				
12) Approxima	te Fresh Wa	iter Strata Dej	oths:	437'			
13) Method to 1	Determine F	resh Water D	epths: Sa	alinity profile calcula	tions from logs	on Yocum N	/ISH 1H 47-051-02133
14) Approxima	te Saltwater	Depths: 986	6'- Salinity	Profile calculation	s from logs on	Yocum MS	SH 1H 47-051-02133
15) Approxima	te Coal Sear	n Depths: 88	31'				
l6) Approxima	te Depth to	Possible Void	l (coal min	e, karst, other): 1	lone that we a	are aware	of.
(7) Does Propo	sed well loc	ation contain	coal seam	S			2.
directly overlying	ng or adjace	nt to an active	e mine?	Yes	No	X	DEOEN IIII
(a) If Yes, pro	vide Mine I	nfo: Name:				1	RECEIVED Office of Oil and Gas
		Depth:	-				JUN 2 3 2022
		Seam:	***************************************		-	F	WV Department of invironmental Protection
		Owner:			Alexander de la companya de la comp		Standard Total and

WW-6B (04/15) APINO. 47- 009 7 0 5 1 0 2 4 6 1

OPERATOR WELL NO. Yocum MSH 8H
Well Pad Name: Yocum MSH

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	<u>Grade</u>	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	126'	126'	CTS
Fresh Water	13'3/8"	New	H-40	43#	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#	22169'	22169'	lead 4045sx/Tall 1860sx/ 100' inside inter
Tubing							
Liners							

MJK 6/16/2022

ТҮРЕ	Size (in)	Wellbore Diameter (in)	<u>Walł</u> <u>Thickness</u> (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	<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

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Kind:		JUN 2 3 2022
Sizes:		WV Department of Environmental Protection
Depths Set:		

WW-6B (10/14)

API NO. 477.00 5 1 0 2 4 6 1

OPERATOR WELL NO. YOCUM MSH 8H
Well Pad Name: YOCUM MSH

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

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

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

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

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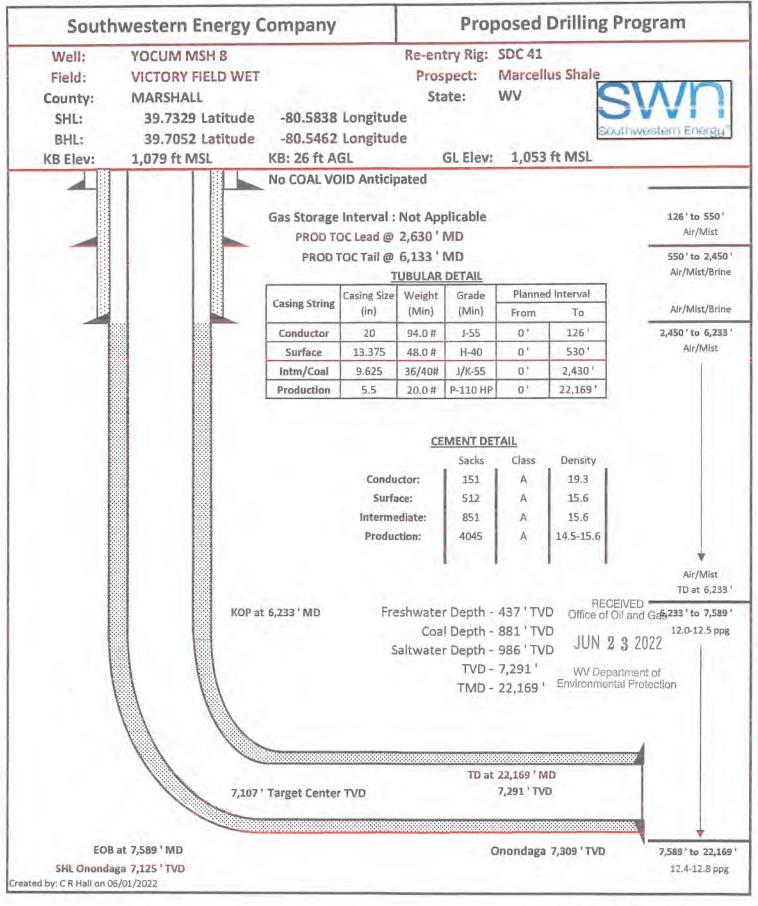
*Note: Attach additional sheets as needed.

			CEMENT A	ADDITIVES		
INTERVAL	SCHLUMBERGER PRODUCT NAME	BJ PRODUCT NAME	NEXTIER PRODUCT NAME	PRODUCT USE	CHEMICAL NAME	CAS-Number
SURFACE (FRESHWATER)	>	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	><	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	\times	LIQUID ANTIFOAM AGENT	POLYPROPYLENE GLYCOL	25322-69-4
INTERMEDIATE	><	INTEGRA SEAL	C1600	LOST CIRC MATERIAL	CELLOPHANE FLAKES	9005-81-6
	CemNet	> <	\times	LOST CIRC MATERIAL	COATED FIBERGLASS FIBERS	PROPRIETARY
	SUGAR	SUGAR	CJ795	CMT RETARDER	SUCROSE	57-50-1
	S001	A-7P	CJ110	ACCELERATOR	CALCIUM CHLORIDE	10043-52-4
			CJ111	ACCELERATOR	SODIUM CHLORIDE	7440-23-5
	>>	SS-11W	CJ880	SURFACTANT	NONIONIC SURFACTANT	6540-99-4
	D047	FP 28L	X	LIQUID ANTIFOAM AGENT	POLYPROPYLENE GLYCOL	25322-69-4
	><	> <	CJX157011	SOLID ANTIFOAM AGENT	FULLERS EARTH(ATTAPULGITE)	8031-18-3
		\supset	CJ540	HP FLUID LOSS ADDITIVE	ALIPHATIC AMIDE POLYMER	PROPRIETARY
PRODUCTION	D255	\supset	X	MED TEMP FLUID LOSS ADDITIVE	POLYACRILIC POLYMER	PROPRIETARY
			CJ213	RETARDER	CHRYSTALLINE SILICA	14808-60-7
	>>	FL-66	CJ501	LOW TEMP FLUID LOSS ADD	POWDERED POLYSACCHARIDE	PROPRIETARY
		BENTONITE	CJ020	EXTENDER	BENTONITE	1302-78-9
	D208	ASA-301	X	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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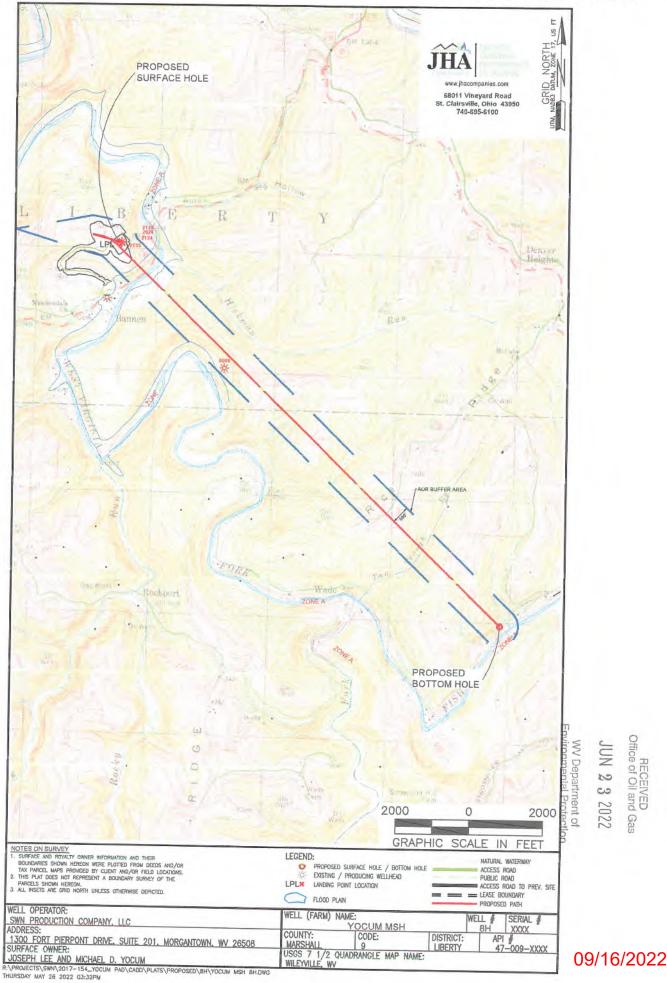
Yocum MSH 8H AOR

API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
51-02125	SWN PRODUCTION COMPANY	ACTIVE	39.732972	-80.583495		Marcellus ·	Big Injun, Maxton Sand
51-02024	SWN PRODUCTION COMPANY	ACTIVE	39.732954	-80.583522		Marcellus	Big Injun, Maxton Sand
51-02124	SWN PRODUCTION COMPANY	ACTIVE	39.732936	-80.583549		Marcellus	Big Injun, Maxton Sand
51-02133	SWN PRODUCTION COMPANY	ACTIVE	39.732919	-80.583576	19465'	Marcellus	Big Injun, Maxton Sand
051-00006	UNKNOWN	PLUGGED	39.723819	-80.573379	1523'	Salt Sand	Little Dunkard, Big Dunkard
)
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WW-9 (4/16)

API Number	47 -	051	ж.
One	rator's	Well	No. Yocum MSH 8H

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

FLUIDS/ CUTTINGS 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 co Will a pit be used? Yes No V	omplete the proposed well work? Yes Vo No
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes	No ✓ If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes	1
Land Application	
	rmit Number_ Various Approved Facilities
Reuse (at API Number At the next Off Site Disposal (Supply form	
Other (Explain recovery and soli	
Will closed loop system be used? If so, describe: Yes- See	Attachment 3A
Drilling medium anticipated for this well (vertical and horiz	contal)? Air, freshwater, oil based, etc. Air drill to KOP. fluid drill with SOBM from KOP to TD
-If oil based, what type? Synthetic, petroleum, etc.	Synthetic Oil Base
Additives to be used in drilling medium? Attachment 3B	
Drill cuttings disposal method? Leave in pit, landfill, remo-	ved 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? Meadowfill Apex Sanitary Landfill Ub-U8438, Brooke Co	SWF-1032, Short Creek SWF-1034, Carbon Limestone MSWL018781, Wetzel County 1021 SVVF-1013,
	nd Gas of any load of drill cuttings or associated waste rejected at any ded within 24 hours of rejection and the permittee shall also disclose
on August 1, 2005, by the Office of Oil and Gas of the Wes provisions of the permit are enforceable by law. Violation law or regulation can lead to enforcement action. I certify under penalty of law that I have person application form and all attachments thereto and that, b	nd conditions of the GENERAL WATER POLLUTION PERMIT issued to Virginia Department of Environmental Protection. I understand that the is of any term or condition of the general permit and/or other applicable hally examined and am familiar with the information submitted on this assed on my inquiry of those individuals immediately responsible for its true, accurate, and complete. I am aware that there are significant stibility of fine or imprisonment.
Company Official Title Senior Regulatory Analyst	JUN 2 3 2022
	WV Department Of
S. J.	Environmental Protection
Subscribed and sworn before me this day of	Tim , 2022.
Cil Cut	Notary Pub is Notary Public OFF
My commission expires 8/21/2024	Notary Public Official Seal State of West Virginia My Comm. Expires Aug 21, 202
	47 Sparrow Lane Morgantown WW 2658

Form WW-9

orni ww-9	Operator's We	II No. Yocum MSH 8H
SWN Production Co., LLC		
roposed Revegetation Treatment: Acres Disturbed 27.93	Prevegetation pH	
Limeas determined by pH test min.2 Tons/acre or to correct to pH	16.7	
Fertilizer type 10-20-20		
Fertilizer amount 600/500 lb	os/acre	
Mulch Hay/Straw Tons/a	acre	
<u>See</u>	d Mixtures	
Temporary	Permane	ent
Seed Type lbs/acre	Seed Type	lbs/acre
Attachment 3C		
ovided). If water from the pit will be land applied, include di reage, of the land application area. notocopied section of involved 7.5' topographic sheet.		
omments:	/	
itle: Oil & Gas Inspector	Date: 6/16/2022	RECEIVED
eld Reviewed? (X) Yes () No	Office of Oil and Gas
		11 141 0 0 0000

JUN 2 3 2022

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)

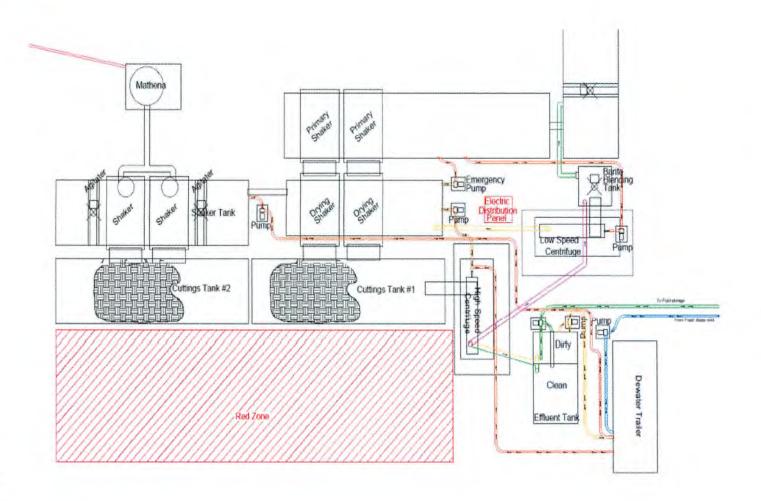
When drilling is converted to liquids drilling, the shale gas separator and associated shaker tank are bypassed, and the liquids system is processed over the primary and drying shaker systems. Cuttings drop into the cuttings tank for additional processing. Any recoverable associated liquids attached 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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Solids Control Layout





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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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JUN 2 3 2022

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Attachment 3C



WVD Seeding Specification



To Order Seed contact Lyndsi Eddy Flippo office 570-996-4271 cell 501-269-5451 lyndsi_eddy@swn.com

2 June 2014	the state of the s	
Seed Mixture: ROW Mix	SWI	N Supplied
Orchardgrass	40%	
Timothy	15%	
Annual Ryegrass	15%	
Brown Top Millet	5%	
Red Top	5%	
Medium Red Clover	5%	All legumes are
White Clover	5%	innoculated at 5x normal
Birdsfoot Trefoil	5%	rate
Rough Bluegrass	5%	
Apply @ 100lbs per acre April 16th- Oct. 14th		Apply @ 200lbs per acre Oct. 15th- April 15th PLUS bs per acre of Winter Wheat

SOIL AMENDMENTS	SO	IL.	AIV	IEN	IDI	MEN	ITS	
-----------------	----	-----	-----	-----	-----	-----	-----	--

10-20-20 Fertilizer *Apply @ 500lbs per Acre
Pelletized Lime Apply @ 2 Tons per Acre
*unless otherwise dictated by soil test results

Seeding Calculation Information:

1452' of 30' ROW/LOD is One Acre 871' of 50' ROW/LOD is One Acre 622' of 70' ROW/LOD is One Acre

Synopsis:

Every 622 linear feet in a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb bags of fertilizer and (80) 50lb bags of Lime (2x seed in winter months + 50lb Winter Wheat/ac).

Special Considerations:

Landowner Special Considerations including CREP program participants require additional guidance that is not given here. Discuss these requirements with SWN supervision at the beginning of the project to allow time for special seed delivery.

ORGANIC PROPERTIES		
Seed Mixture: SWN Production Organic Mi	x	SWN Supplied
Organic Timothy	50%	
Organic Red or White Clover	50%	
OR		
Organic Perennial Ryegrass	50%	
Organic Red or White Clover	50%	
Apply @ 100lbs per acre		Apply @ 200lbs per acre
April 16th- Oct. 14th		Oct. 15th- April 15th
Organic Fertilizer @ 200lbs per Acre		Pelletized Lime @ 2 Tons per Acre

Seed Mixture: Wetland Mix	SWN Supplied
VA Wild Ryegrass	20%
Annual Ryegrass	20%
Fowl Bluegrass RECEIVED	20%
Cosmos 'Sensation' Office of Oil an	d Gas 10%
Redtop JUN 2 3 2	022 5%
Golden Tickseed	022 5%
W Department	t of 5%
Showy Tickseed Environmental Pro	lection 5%
Fox Sedge	2.5%
Soft Rush	2.5%
Woolgrass	2.5%
Swamp Verbena	2.5%
Apply @ 25lbs per acre	Apply @ 50lbs per acre
April 16th- Oct. 14th	Oct. 15th- April 15th

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN

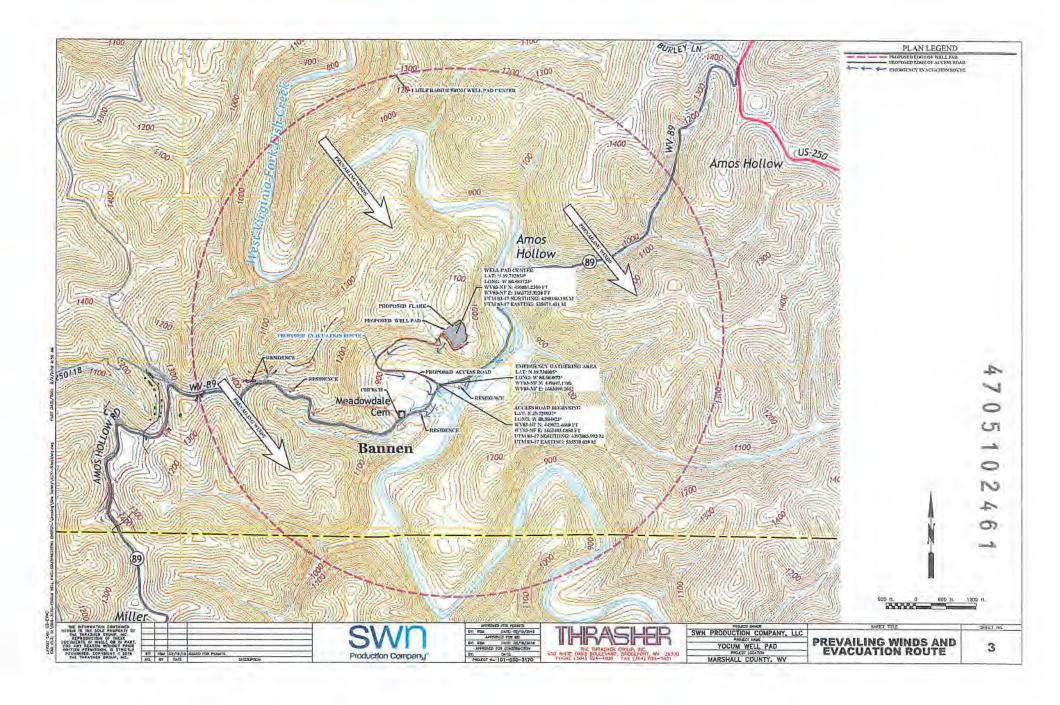


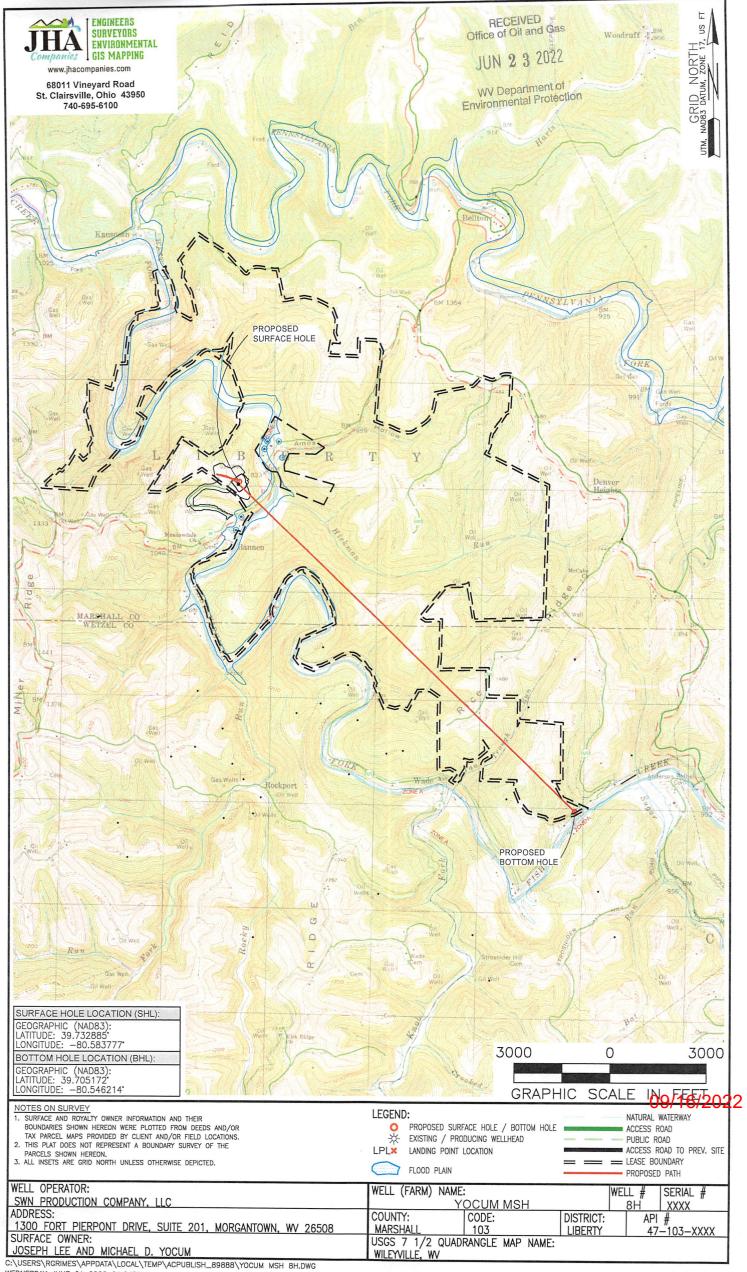
SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, West Virginia 26508

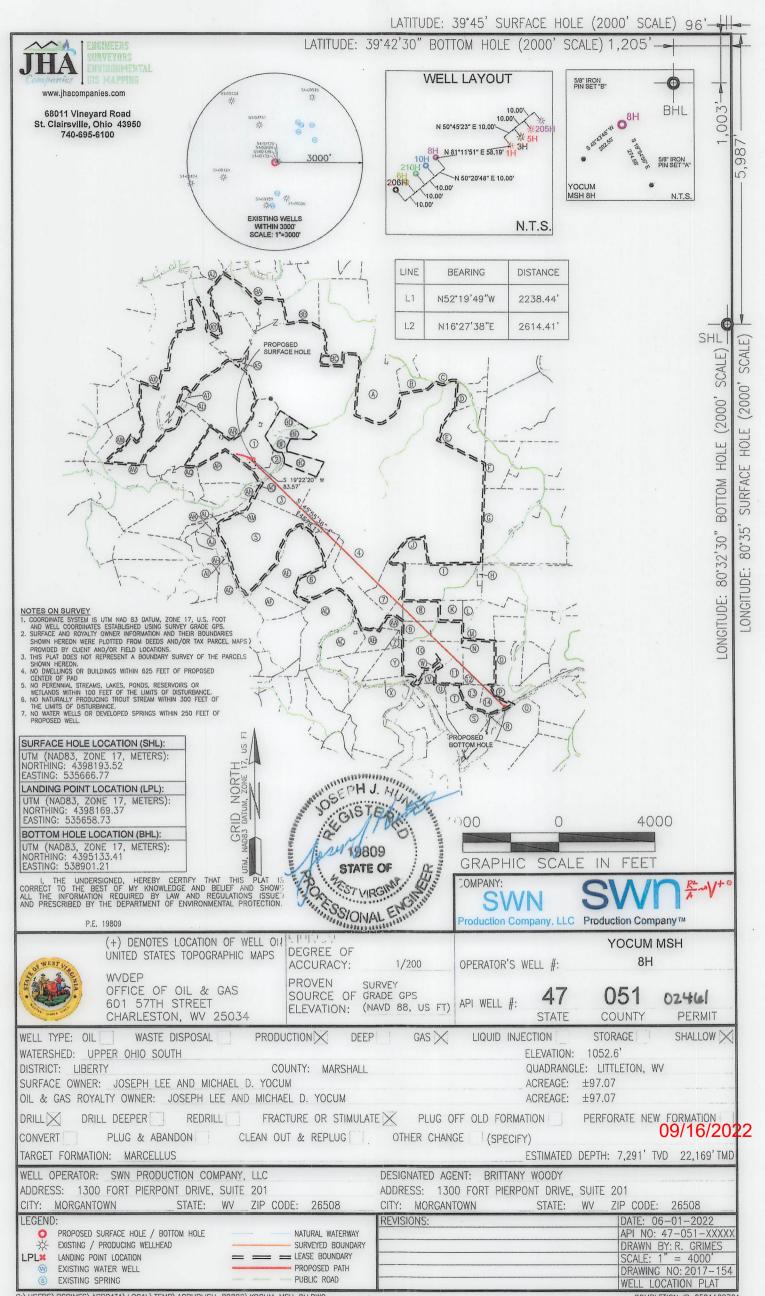
API NO. 47-XXX-XXXXX
WELL NAME: Yocum MSH 8H
Littleton QUAD
Liberty DISTRICT
Ohio COUNTY, WEST VIRGINIA

Submitted by:		
Name: Brittany Woody Suttany Woody	Date: <u>5/31/2022</u>	
Title: Senior Regulatory Analyst	SWN Production Co.	, LLC
Approved by: Name: Hayne J. Knith Title: Insperior	Date: Coflagod 2	Office of Olf and Gas
Approved by:		4 7 200
Name:	Date:	Environmental Protection
Title:		rection

SWN PRODUCTION COMPANY, LLC - CONFIDENTIAL







	WELL BORE TABLE FOR SURFACE/ROYALTY OWN		
TRACT SURFACE OWNER (S) / ROYALTY OWNER (R)		TAX PARCEL	
1	YOCUM JOSEPH LEE & MICHAEL D	7-26-9	
TRACT	SURFACE OWNER	TAX PARCEL	
2	STIPETICH SUSAN F & FRANK R	7-27-4.2	
3	VELLEKOOP PETER B ET UX - TOD	7-27-11	
4	W VA WILDLIFE RESOURCES SECTION	7-24-1	
5	VELLEKOOP PETER B ET UX - TOD	7-27-13	
6	SEIDLER EARL DALE & NETTIE	1-2-6.1	
7	WILLIAMS KATHERINE E TRUST	1-3-1	
8	WILLIAMS LONNIE L	1-3-7	
9	WILLIAMS JOHN EDWARD	1-3-8	
10	MCGUFFIE ARCH	1-6-5	
11	MILLIKEN KEVIN R ETAL	3-1-8	
12	DRAHEIM GARY W JR ETAL	3-1-9	
13	CONSOLIDATED GAS TRANS CORP	3-1-21	
14	CONSOLIDATED GAS TRANS CORP	3-1-20	

	ADJOINING OWNERS TABLE	
TRACT	SURFACE OWNER	TAX PARCEL
Α	GRESHAW JASON M & MARY L	7-25-2
В	BROWN ANDREW C III	7-25-6
С	HARRINGTON CLYDE F	7-25-7
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
J	WADE MICHAEL CLAY & MCCELLAND LAWRENCE W - TOD ET AL	7-24-6
K	WILLIAMS JOHN EDWARD	1-3-9
L	JOHNSON VERNON S EST	3-1-1
М	DRAHEIM HERBERT P ET AL	3-1-6
N	CBC HOLDINGS LLC	3-1-8.1
0	DRAHEIM GARY WAYNE JR ETAL	3-1-10
Р	CONSOLIDATED GAS TRANS CORP	3-1-19
Q	CONSOLIDATED GAS TRANSMISSION	3-1-32
R	CONSOLIDATED GAS TRANSMISSION	3-1-31
S	CONSOLIDATED GAS TRANSMISSION	3-1-29
Т	PHILLIPS JR CHARLES R	3-1-22
U	S&R INVESTMENTS	3-1-23
٧	CONSOLIDATED GAS TRANS CORP	3-1-7
W	MILLIKEN KEVIN R ETAL	1-6-6
X	BERRY LAWRENCE C & DOROTHY J	1-6-8
Υ	WILLIAMS JOHN E HRS	1-6-4
Z	UNKNOWN	UNKNOWN
AA	CONSOLIDATED GAS TRANSMISSION	1-3-5
AB	BLACKROCK ENTERPRISES LLC	1-6-1
AC	SEIDLER E DALE & NETTIE L	1-5-10

ADJOINING OWNERS TABLE				
TRACT	SURFACE OWNER	TAX PARCEL		
AD	SEIDLER E DALE & NETTIE L	1-2-6.2		
AE	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-6		
AF	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-12		
AG	MCINTIRE STEPHEN ROSS	1-2-5		
AH	FERDA BRIAN T ET UX	7-27-15		
Al	FITZSIMMONS SCOTT M ET AL	7-27-14		
AJ	FERDA BRIAN T ET UX	7-27-16		
AK	FERDA BRIAN T ET UX	7-27-16.1		
AL	GEHO ANNIE L EST	7-27-21		
AM	BURGE DELORES E ET AL	7-27-10		
AN	HIGH PHILIP D	7-27-8		
AO	YOCUM JOSEPH LEE & MICHAEL D	7-27-4.1		
AP	YOCUM JOSEPH LEE & MICHAEL D	7-27-5		
AQ	HORNER DELORSE A	7-26-10		
AR	CONSOLIDATED GAS SUPPLY CORP	7-26-8		
AS	BUZZARD COLIN R	7-26-3		
AT	BUTLER JOHN M & LISA A	7-26-11.1		
AU	HUNDRED RESOURCES INC	7-26-11		
AV	RIGGS JOHN E JR & DELANA	7-27-2		
AW	MORGAN JAMES E - LIFE	7-26-14		
AX	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-28		
AY	FROMHART BRAD ET UX - LIFE	7-20-41		
AZ	UNDERDONK ALAN	7-16-25.1		
BA	BURLEY AMMON ET UX	7-20-12		
ВВ	BURLEY AMMON A	7-20-24		
BC	BURLEY AMON A	7-20-37		
BD	GEDEON DANIEL D ET UX	7-26-6		
BE	VELLEKOOP PETER B ET UX - TOD	7-26-6.1		
BF	VELLEKOOP PETER B ET UX - TOD	7-26-6.2		
BG	VELLEKOOP PETER B ET UX - TOD	7-27-10.1		

09/16/2022

REVISIONS:	COMPANY:	COMPANY: SWN Production Company, LLC		
	OPERATOR'S WELL #: 41-	YOCUM N 051-02461 8H	/ISH	DATE: 06-01-2022 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

WW-6A1 (5/13)

Operator's Well No.	Yocum MSH 8H
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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 afterns that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

SWN Production Company, LLC	
an	
Staff Landman	
	sam

ct#	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	% Interest Not Leased by SWN
	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, wife and husband, Edith White & J.F. White, wife and husband, and Laura Franklin, widow	L.F. Burley	13.75%	186/284	0.00%
		L.F. Burley Heirs	The Manufacturers Light and Heat Company		2/269	
		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	
	p/o 7-26-9	Chesapeake Appalachia, LLC I.D. Franklin and Bessie J. Franklin, his wife	SWN Production Company, LLC The Manufacturers Light and Heat Company	12.50%	36/422 209/168	
	(30.7 ac)			22870		
		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	Chesapeake Appalachia, LLC Statoilhydro USA Onshore Properties Inc.		662/322 675/279	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		33/424	
2	7-27-4.2	I.D. Franklin and Bessie J. Franklin, husband and	The Manufacturers Light and Heat Company	12.50%	209/168	0.00%
2	1,00	wife The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		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	
3	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		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 Statoil USA Onshore Properties Inc.	SWN Production Company, LLC SWN Exchange Titleholder LLC		33/110 33/424	
		- Control of Control o	STIT ENGINE OF THE HOUSE EEC		22/324	
4	7-24-1	Royalty Owner	n/a	n/a	n/a	9.65%
	p/o 7-24-1 (115.88 ac)	Robert W. Conaway Jr., a single man	SWN Production Company, L.L.C.	16%	932/636	
		Amy M. Schleicher, married dealing in her sole and separate property	SWN Production Company, LLC	18%	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, LLC	17%	1107/328	
		Donald Scott Conaway, a single man	SWN Production Company, LLC	16%	932/629	
		Eric Katzmeyer, married dealing in his sole and	SWN Production Company, LLC	17%	1107/332	
		separate property Franklin T. Barrett, married dealing in his sole and	SWN Production Company, LLC	17%	1107/292	
		separate property George L. Hale, married dealing in his sole and	SWN Production Company, LLC	17%	1107/316	
		separate property Gertrud Yeager, Trustee of the Gertrud Yeager 2002		17%	Faccional	Office
		Revocable Trust Agreement, dated September 17, 2002, as amended and restated on May 4, 2009	STATE TOUBLESHI COMPANY, ELC.	1/74	1108/32	AUG WV Depart
		Hulda Marie Gilbertson-Wayt, a/k/a Hilda Marie Gilbertson-Wayt, married dealing in her sole and	SWN Production Company, LLC	18%	1111/202	En Wa
		separate property, Life Estate, and Kimberly Ann Wayt, single, Remainderman and Kerry Dean Wayt, single Remainderman				Environmental E
		T. M. C.	anna i o a a cons			
		Jeffrey L. Fish, married dealing in his sole and	SWN Production Company, LLC	17%	1106/85	

John B. Wanchick, a/k/a John B. Wanchik, a married man dealing in his sole and separate	Chesapeake Appalachia, L.L.C.	17%	833/213	
property 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	
John Yeager, married dealing in his sole and	SWN Production Company, LLC	17%	1108/142	
separate property Krystal K. Camp, married dealing in her sole and	SWN Production Company, LLC	17%	1106/81	
separate property Mary Lou Rubini, widow	SWN Production Company, LLC	17%	1119/159	
Michael A. Fish, married dealing in his sole and	SWN Production Company, LLC	17%	1106/77	
separate property Michael O. Wanchick, a/k/a Michael O. Wanchik, a		17%	833/208	
married man dealing in his sole and separate property				
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	
Patricia Loy, a/k/a Elsie 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	
Roger Lee Cain II	SWN Production Company, LLC	17%	1129/518	
Sharon N. Zeppernick, married dealing in her sole	SWN Production Company, LLC	17%	1106/37	
and separate property Stone Hill Minerals Holdings, LLC	TH Exploration, LLC	19%	894/489	
TH Exploration, LLC	SWN Production Company, LLC and Statoil USA		41/299	
·	Onshore Properties, Inc.		254 4 (200	
Stone Hill Minerals Holdings, LLC	TH Exploration, LLC	19%	261A/890 41/299	
TH Exploration, LLC	SWN Production Company, LLC and Statoil USA Onshore Properties Inc.		41/233	
Tara DeLeon	SWN Production Company, LLC	18%	1131/435	
The First Assembly of God Church, Todd Troyer,	SWN Production Company, LLC	17%	1112/616	
Pastor Thomas D. Conaway, married dealing in his sole and separate property	SWN Production Company, LLC	17%	1119/148	
Timothy N. Burley, married dealing in his sole and separate property	SWN Production Company, LLC	17%	1107/308	
Wayne E. Burley, single	SWN Production Company, LLC	17%	1107/260	
West Virginia Minerals, Inc.	SWN Production Company, LLC	20.00%	1136/193	
Columbia Gas Transmission		6.25%	642/281	
Gertrud Yeager, Trustee of the Gertrud Yeager 2002 Revocable Trust Agreement, dated September 17, 2002, as amended and restated on May 4, 2009	2 SWN Production Company, LLC	17.00%	1108/32	
John Yeager, married dealing in his sole and separate property	SWN Production Company, LLC	17.00%	1108/142	
L. Gene Gray	SWN Production Company, LLC	17.00%	1104/393	
Ralph W. Evans and Nellie F. Evans, his wife; Lindsey L. Burley and Martha Burley, his wife;	Columbia Gas Transmission Corporation	12.50%	446/125	
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	Columbia Natural Resources, LLC		642/281	1
Columbia Gas Transmission Corporation	Chesapeake Appalachia, LLC		662/322	l
Chesapeake Appalachia, LLC	Statoilhydro USA Onshore Properties Inc.		675/279	
Chesapeake Appalachia, LLC	SWN Production Company, LLC		36/422	
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	-0
Statoil USA Onshore Properties Inc. John B. Wanchick, a/k/a John B. Wanchik, a	SWN Exchange Titleholder LLC Chesapeake Appalachia, L.L.C.	17.00%	33/424 833/228	Office TECEIVE
married man dealing in his sole and separate property	спезирение принцени, с.с.е.	17.00%	033,220	Allo Piland Ga
Michael O. Wanchick, a/k/a Michael O. Wanchik, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	833/223	Office of Office
Chesapeake Appalachia, L.L.C.	Statoilhydro USA Onshore Properties Inc.		33/47	Environ Depart
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	mental p of
Sharon E. Potts, a single woman	Chesapeake Appalachia, L.L.C.	17.00%	818/422	~retection
Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, LLC	Statoil USA Onshore Properties Inc.		33/59 33/110	- WOA
Gary L. Yoho, a single man	SWN Production Company, LLC Chesapeake Appalachia, L.L.C.	17.00%	33/110 818/428	
Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.	,	33/59	
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
Richard L. Yoho, a single man	Chesapeake Appalachia, L.L.C.	17.00%	818/434	

p/o 7-24-1 (26 ac)

		Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc. SWN Production Company, LLC		33/59 33/110	
		Chesapeake Appalachia, LLC		15.00%	894/489	
		Stone Hill Minerals Holdings, LLC	TH Exploration, LLC	13.00%	41/299	
		TH Exploration, LLC	SWN Production Company, LLC and Statoil USA Onshore Properties Inc.		41/233	-
7	7-27-13	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		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	
	1-2-6.1	Chesapeake Appalachia, LLC	SWN Production Company, LLC	12.50%	166A/931	0.00%
	1-3-1	Royalty Owner	n/a	n/a	n/a	12.56%
		Ammon A. Burley and Flora J. Burley, his wife	SWN Production Company, LLC	17%	259A/787	
		Annette Aldine Lloyd, widow	SWN Production Company, LLC	17%	261A/57	
		Barbara Burley, single	SWN Production Company, LLC	17%	265A/440	
		Beulah Kathleen Mackey, widow	SWN Production Company, LLC	17%	260A/537	
		Carolyn Stowe, married dealing in her sole and separate property	SWN Production Company, LLC	17%	264A/153	
		Charles W. Geho, married dealing in his sole and separate property	SWN Production Company, LLC	16%	255A/677	
		Donald Marlin Watkins, a/k/a Marlin Watkins and Myra L. Watkins, his wife	SWN Production Company, LLC	17%	259A/103	
		Donald Scott Conaway	SWN Production Company, LLC	17%	285A/153	
		Edward L. Conaway	SWN Production Company, LLC	17%	270A/453	
		Elizabeth Ann Cain, single	SWN Production Company, LLC	17%	269A/316	
		Franklin T. Barrett, married dealing in his sole and	SWN Production Company, LLC	17%	258A/5	
		separate property George L. Hale, married dealing in his sole and	SWN Production Company, LLC	17%	259A/91	
		separate property Jeffrey L. Fish, married dealing in his sole and separate property	SWN Production Company, LLC	17%	258A/9	
		Karen J. Jones, single	SWN Production Company, LLC	17%	264A/163	
		Kathy J. Hoopes, f/k/a Kathy Jo Watkins, married dealing in her sole and separate property	SWN Production Company, LLC	17%	259A/99	
		Krystal K. Camp, married dealing in her sole and	SWN Production Company, LLC	17%	258A/17	
		separate property Michael A. Fish, married dealing in his sole and	SWN Production Company, LLC	17%	258A/13	
		separate property Michael Ross, a married man dealing in his sole and separate property	SWN Production Company, LLC	18%	202A/929	
		Robert Carlton Cain	SWN Production Company, LLC	18%	281A/471	
		Robert Burley, married dealing in his sole and separate property	SWN Production Company, LLC	17%	259A/820	
		Ronald W. Conaway	SWN Production Company, LLC	17%	271A/341	
		Roger Lee Cain	SWN Production Company, LLC	18%	281A/465	
		Sharon N. Zeppernick, married dealing in her sole	SWN Production Company, LLC	17%	258A/522	
		and separate property The First Assembly of God Church, Todd Troyer,	SWN Production Company, LLC	17%	261A/852	AUG I
		Pastor Thomas D. Conaway, married dealing in his sole and separate property	SWN Production Company, LLC	17%	265A/446	AUG
		Three Rivers Royalty II LLC	SWN Production Company, LLC	17%	279A/605	-01
		Timothy N. Burley, married dealing in his sole and	SWN Production Company, LLC	17%	259A/87	En WV
		separate property Wayne E. Burley, single	SWN Production Company, LLC	17%	258A/530	Environmental Pro
		BRC Appalachian Minerals I LLC	BRC Working Interest Company, LLC	16%	103A/320	(a) D
		BRC Working Interest Company, LLC	Chesapeake Appalachia, LLC		103A/470	39
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		Chesapeake Appalachia, LLC	Statoil USA Onshore Properties Inc.		120A/109	
		Statoil USA Onshore Properties, Inc.	SWN Exchange Titleholder LLC		158A/801	
	1-3-7	Royalty Owner (subject to unitization filing dated June 7, 2022)	n/a	n/a	n/a	100.00%
		13001101				
		Docket No 30	17-311 Order No. 1			

Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a	Chesapeake Appalachia, L.L.C.	17%	140A/542
widow Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540
Statoilhydro USA Onshore Properties Inc.	SWN Production Company, LLC		158A/801
SWN Production Company, LLC	Antero Resources Corporation		177A/533
Statoilhydro USA Onshore Properties Inc.	Antero Resources Corporation		177A/738
Antero Resources Corporation	SWN Production Company, LLC/Equinor USA		272A/588
	Onshore Properties, Inc.		
Barbara Burley, single	SWN Production Company, LLC	17%	269A/554
Beulah Kathleen Mackey	Antero Resources Corporation	18%	205A/512
Antero Resources Corporation	EQT Production Company		231A/59
EQT Production Company	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.		279A/35
Carolyn Stowe	Antero Resources Corporation	18%	209A/584
Antero Resources Corporation	EQT Production Company		231A/59
EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35
Charles W. Geho and Sandra D. Geho, husband and	Onshore Properties, Inc. Antero Resources Corporation	18%	187A/933
wife			231A/59
Antero Resources Corporation	EQT Production Company SWN Production Company, LLC/Equinor USA		279A/35
EQT Production Company	Onshore Properties, Inc.		2/3/4/33
Dale H. Williams, a widower	Antero Resources Corporation	18%	204A/489
EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35
Bounds Books assessed on a dealth of the rate	Onshore Properties, Inc.	100/	187A/931
Donald L. Burley, a married man dealing in his sole and separate property	Antero Resources Corporation	18%	18/4/931
Antero Resources Corporation	EQT Production Company		231A/59
EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35
- 1144 P. Martin . # / 44 P. Martin	Onshore Properties, Inc.	470/	2504/500
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	18%	209A/444
Antero Resources Corporation	SWN Production Company, LLC/Equinor USA		272A/588
	Onshore Properties, Inc.		
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
EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35
Elizabeth Aug Cain a crident	Onshore Properties, Inc.	400/	1404/25
Elizabeth Ann Cain, a widow	Chesapeake Appalachia, L.L.C.	18%	140A/25 120A/109
Chesapeake Appalachia, LLC Statoil USA Onshore Properties, Inc.	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		272A/588
rundis nesses sorporation	Onshore Properties, Inc.		2.2.4000
Franklin Thomas Barrett, a/k/a Frank Barrett, a	Antero Resources Corporation	18%	208A/64
married man dealing in his sole and separate property			
Antero Resources Corporation	EQT Production Company		231A/59
EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35
	Onshore Properties, Inc.		
James and Colleen Newman	Trans Energy, Inc.	12.50%	91A/762
EQT Production Company	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.		279A/35
Jeffrey L. Fish, a single man	Antero Resources Corporation	18%	209A/818
Antero Resources Corporation	EQT Production Company		231A/59
EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35
Wasse Library	Onshore Properties, Inc.	470/	2024/204
Karen J. Jones Kathy J. Hoopes, f/k/a Kathy Jo Watkins, married	SWN Production Company, LLC	17% 17%	282A/504
dealing in her sole and separate property	SWN Production Company, LLC	1/70	269A/304
Krystal K. Camp, a married woman dealing in her	Antero Resources Corporation	18%	207A/855
sole and separate property Antero Resources Corporation	EQT Production Company		231A/59
EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35
Margery Jeanette Hale, a/k/a Marjorie Hale, a	Onshore Properties, Inc. Chesapeake Appalachia, L.L.C.	17%	140A/608
widow	-p		, 000
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540.
Statoil USA Onshore Properties, Inc.	SWN Exchange Titleholder LLC		158A/801
SWN Production Company, LLC	Antero Resources Corporation		177A/533
Statoil USA Onshore Properties, Inc.	Antero Exchange Properties, Inc.		177A/738
Antero Resources Corporation	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.		272A/588
Michael A. Fish, a married man dealing in his sole	Antero Resources Corporation	18%	208A/226
and separate property	•		

	Antero Resources Corporation	EQT Production Company		231A/59	
	EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35	
	Wile Co. W. Mills Co. Co. And disconsists and description	Onshore Properties, Inc.	170/	269A/298	
	Robert Burley, married dealing in his sole and	SWN Production Company, LLC	17%	269A/296	
	separate property Robert W. Conaway, Jr.	Antero Resources Corporation	18%	192A/132	
		EQT Production Company	27/7	231A/59	
	Antero Resources Corporation			3.22	
	EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35	
	Ronald W. Conaway and Cindy Conaway	Onshore Properties, Inc. Antero Resources Corporation	18%	204A/841	
		EQT Production Company		231A/59	
	Antero Resources Corporation			500000	
	EQT Production Company	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.		279A/35	
	Antero Resources Corporation	SWN Production Company, LLC/Equinor USA		272A/588	
	Alltero Resources corporation	Onshore Properties, Inc.		2727	
	Rosemary Cain and Robert R. Cain, her husband	Chesapeake Appalachia, L.L.C.	17%	140A/537	
	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
				158A/801	
	Statoil USA Onshore Properties, Inc.	SWN Exchange Titleholder LLC			
	SWN Production Company, LLC	Antero Resources Corporation		177A/533	
	Statoil USA Onshore Properties, Inc.	Antero Exchange Properties, Inc.		177A/738	
	Antero Resources Corporation	SWN Production Company, LLC/Equinor USA		272A/588	
	Change Marie Courses 7	Onshore Properties, Inc.	2000	209+161	
	Sharon Neala Barrett Zeppernick, a married woman dealing in sole and separate property	Antero Resources Corporation	18%	208A/61	
		VILLOUS VALUE -		100000	
	Antero Resources Corporation	EQT Production Company		231A/59	
	EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35	
	an and the state with	Onshore Properties, Inc.	1.5	22-4-22	
	The First Assembly of God Church	Chesapeake Appalachia, L.L.C.	17%	140A/686	
	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		272A/588	
	2 10 2 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Onshore Properties, Inc.	2,72	3220 4420	
	Thomas D. Conaway, married dealing in his sole	SWN Production Company, LLC	17%	279A/676	
	and separate property Timothy N. Burley, a married man dealing in sole	Antero Resources Corporation	18%	208A/223	
	and separate property	and the same of the same of			
	Antero Resources Corporation	EQT Production Company		231A/59	
	Antero Resources Corporation EQT Production Company	EQT Production Company SWN Production Company, LLC/Equinor USA		231A/59 279A/35	
	EQT Production Company			279A/35	
		SWN Production Company, LLC/Equinor USA	17%		
1-6-5	EQT Production Company Wayne E. Burley, single	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC		279A/35 270A/447	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a	n/a	279A/35 270A/447 n/a	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC	n/a 17%	279A/35 270A/447 n/a 283A/821	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17%	279A/35 270A/447 n/a 283A/821 269A/310	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17%	279A/35 270A/447 n/a 283A/821 269A/310	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC Antero Resources Corporation	n/a 17% 17% 17%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA	n/a 17% 17% 17%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.	n/a 17% 17% 17% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a 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 17% 17% 17% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a SWN Production Company, LLC Antero Resources Corporation SWN Production Company, LLC/Equinor USA Onshore Properties, Inc.	n/a 17% 17% 17% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a 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 17% 17% 17% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok,	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a 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 SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 15% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/687	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc.	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a 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 SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 15% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380	19.77%
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC n/a 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 SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 15% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333	
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA	n/a 17% 17% 17% 15% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333	
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. 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 17% 17% 17% 15% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34	
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company Cornell Holdings, Inc.	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC M/a 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 EQT Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. TH Exploration, LLC EQT Production Company	n/a 17% 17% 17% 15% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333	
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company Cornell Holdings, Inc. TH Exploration, LLC	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. 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 TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC	n/a 17% 17% 17% 15% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111	
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC/Equinor USA Onshore Properties, Inc. TH Exploration, LLC EQT Production Company SWN Production Company	n/a 17% 17% 17% 15% 15%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333	
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife	SWN Production Company, LLC/Equinor 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 SWN Production Company, LLC SWN Production Company, LLC TH Exploration, LLC EQT Production Company SWN Production Company	n/a 17% 17% 17% 17% 15% 17% 17% 17% 17% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625	
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company David L. Charlton and Donna D. Charlton, husband and wife David Scott Charlton	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC M/a 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/SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC EQT Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company SWN Production Company SWN Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EXPLORED TO SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC/Equinor USA	n/a 17% 17% 17% 17% 15% 17% 17% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625 289A/559	Omo AUG
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company 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	SWN Production Company, LLC/Equinor 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 SWN Production Company, LLC SWN Production Company, LLC TH Exploration, LLC EQT Production Company SWN Production Company	n/a 17% 17% 17% 17% 15% 17% 17% 17% 17% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625	Omo AUG
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company 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	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC	n/a 17% 17% 17% 17% 15% 17% 17% 17% 17% 17% 17% 17% 17% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625 289A/559 269A/280	Omo AUG
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company 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	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC EQT Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 17% 15% 17% 17% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625 289A/559 269A/280 188A/187	Omo AUG
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company 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	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC EQT Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 17% 15% 17% 12.50% 18% 17,00% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35	Omo AUG
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company 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	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC EQT Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC	n/a 17% 17% 17% 17% 15% 17% 12.50% 18% 17,00% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401	Omo AUG
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company Cornell Holdings, inc. TH Exploration, LLC EQT Production Company David L. Chariton and Donna D. Chariton, 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 Gien R. Charlton	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC EQT Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 17% 15% 17% 12.50% 18% 17,00% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35	Offici AUG
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company 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	SWN Production Company, LLC/Equinor USA Onshore Properties, Inc. SWN Production Company, LLC In/a 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 SWN Production Company, LLC SWN Production Company, LLC EQT Production Company SWN Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC SWN Production Company, LLC	n/a 17% 17% 17% 17% 15% 17% 12.50% 18% 17,00% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401	Omo AUG
1-6-5	EQT Production Company Wayne E. Burley, single Royalty Owner Agnes Elnora Burns Loucks Owens Allan Paul Dunkle, single Aleta E Beatty Gregg Amy L. Sage, a married woman dealing in her sole and separate property Antero Resources Corporation Anthony Steven Beatty Bonnie Jean Vangilder, married dealing in her sole and separate property Carol Jean Dunkle Bartok aka Carol Jean Bartok, widow Cornell Holdings, Inc. TH Exploration, LLC EQT Production Company Cornell Holdings, inc. TH Exploration, LLC EQT Production Company David L. Chariton and Donna D. Chariton, 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 Gien R. Charlton	SWN Production Company, LLC/Equinor 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 TH Exploration, LLC EQT Production Company SWN Production Company, LLC/Equinor USA Onshore Properties, Inc TH Exploration, LLC EQT Production Company, LLC SWN Production Company, LLC	n/a 17% 17% 17% 17% 15% 17% 17% 12.50% 18% 17.00% 12.50%	279A/35 270A/447 n/a 283A/821 269A/310 288A/249 213A/523 272A/588 290A/539 279A/617 279A/687 194A/380 258A/333 279A/34 204A/111 258A/333 279A/34 216A/625 289A/559 269A/280 188A/187 279A/35 284A/401 282A/554	Omo AUG

alty Owner n/a	n/a	n/a	21.88%
a Burns SWN Production Company, LLC	17%	287A/800	
Burns III SWN Production Company, LLC	17%	287A/806	Environmental Prote
ta & Cordova Holding Company, LLC SWN Production Company, LLC	12.50%	257A/423	ral Prote
Onshore Properties, Inc	m.w.)	Eranjan	Environmental Proje
Production Company SWN Production Company, LLC/Equinor	IISA	258A/333 279A/34	Enviro Depa-
ta & Cordova Holding Company, LLC TH Exploration, LLC xploration, LLC EQT Production Company	12.50%	258A/333	W.
Onshore Properties, Inc ta & Cordova Holding Company, LLC TH Exploration, LLC	12 500/	204A/188	Office of Oil AUG 19
Production Company SWN Production Company, LLC/Equinor	USA	279A/34	Allo
exploration, LLC EQT Production Company		258A/333	of of
ta & Cordova Holding Company, LLC TH Exploration, LLC	12.50%	194A/384	Offin HEOR
Production Company SWN Production Company, LLC/Equinor Onshore Properties, Inc	USA	279A/34	6
xploration, LLC EQT Production Company		258A/333	
and separate property		glastic below	
i J. Ingram, a married woman dealing in her TH Exploration, LLC	18%	216A/637	
my M. Hobart, widow SWN Production Company, LLC	17%	269A/604	
oand	1770	2041/32/	
Onshore Properties, Inc Inne B. Kartis and George Howard Kartis, her SWN Production Company, LLC	17%	284A/327	
Production Company SWN Production Company, LLC/Equinor	USA	279A/34	
xploration, LLC EQT Production Company		258A/333	
e Hill Minerals Holdings LLC TH Exploration, LLC	12,50%	207A/565	
Onshore Properties, Inc	مدد کر کرد		
Production Company SWN Production Company, LLC/Equinor	USA	279A/34	
e Hill Minerals Holdings LLC EQT Production Company	12.50%	180A/614	
Onshore Properties, Inc	963	2. 2. 42.	
Production Company SWN Production Company, LLC/Equinor	USA	279A/34	
pand and wife EQT Production Company		258A/333	
en M. Charlton and Michelle A. Charlton, TH Exploration, LLC	18%	216A/686	
ie Burns Warco SWN Production Company, LLC	17%	283A/827	
Onshore Properties, Inc	470/	2024/027	
Production Company SWN Production Company, LLC/Equinor	USA	279A/34	
exploration, LLC EQT Production Company		258A/333	
ri E. Johnson, a single woman TH Exploration, LLC	18%	216A/630	
separate property	0.00		
ran Faye Slaska, married dealing in her sole SWN Production Company, LLC	17%	269A/304	
i sinessi raisilenty, syrye neutraline i Antinony Svin Freduction Company, LLC	1/70	1021/1301	
Elleen Anthony, a/k/a Ruth "llene" Anthony SWN Production Company, LLC	17%	285A/301	
ert Roy Charlton SWN Production Company, LLC	17%	287A/121	
ard E. Work SWN Production Company, LLC	17%	285A/739	
mond Edward Beatty n/k/a Dudley D. Balmer SWN Production Company, LLC	1/%	Pending	
nord Edward Reatty n/k/a Dudley D. Ralmer SWN Production Company LLC	17%	Panding	
nal Rae Dunkle, married dealing in her sole and SWN Production Company, LLC	17%	280A/375	
vife		12000	
h Harrison Dunkle, Jr. and Jacqueline F. Dunkle, SWN Production Company, LLC	17%	279A/693	
Icia Irene Beatty SWN Production Company, LLC	17%	289A/618	
ela J Beatty Fischer SWN Production Company, LLC	17%	290A/132	
olas Nelson SWN Production Company, LLC	17%	285A/778	
nelle Work aka Michelle A. Solitro SWN Production Company, LLC	17%	285A/187	
sha Kay Bailey Pattisson SWN Production Company, LLC	17%	289A/588	
len Lee Beatty, single SWN Production Company, LLC	17%	289A/582	
	1,020	124.0 624.0	
k Loar, as POA for Betty J. Hamilton, widow SWN Production Company, LLC	17%	282A/461	
garet Kathleen Burns Campos SWN Production Company, LLC	17%	283A/815	
J. Beatty, divorced SWN Production Company, LLC	17%	284A/395	
a Ann Wade, a/k/a Linda Ann Miller SWN Production Company, LLC	17%	282A/498	
rence Thomas "Larry" Beatty SWN Production Company, LLC	17%	289A/542	
rence J Charlton SWN Production Company, LLC	17%	289A/553	
n James Charlton SWN Production Company, LLC	17%	289A/565	
y Knaggs, aka Emily Kathleen Knaggs SWN Production Company, LLC	17%	287A/127	
R. Charlton, single SWN Production Company, LLC	17%	270A/436	
ca J. Nelson SWN Production Company, LLC	17%	283A/406	
erty	2770	20074373	
ifer J. Nicolini, dealing in her sole and separate SWN Production Company, LLC	17%	280A/343	
ne McWilliams SWN Production Company, LLC	17%	284A/407	
eslie Fuller and Kevin W. Fuller, her husband SWN Production Company, LLC	20%	281A/420	
a Masters SWN Production Company, LLC	17%	285A/175	
Onshore Properties, Inc	Saur		

3-1-8

	Bryan L. Gorby, married dealing in his sole and	SWN Production Company, LLC	17%	263A/831	
	separate property Cindy Adams, married dealing in her sole and	SWN Production Company, LLC	17%	261A/598	
	separate property Debra Piktel, married dealing in her sole and	SWN Production Company, LLC	17%	261A/600	
	separate property	CAME Burdenist Comment II C	170/	3634/643	
	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 Rexroad, 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	22.010/
3-1-9	Royalty Owner	Antern Resources Corporation	n/a 12 50%	n/a 162A/799	23.01%
	John J. Mensore, individually, John J. Mensore, Trustee, under the John J. Mensore Revocable Trust dated July 12, 2001, Tulane B. Mensore, and Esta Marie McCall	Antero Resources Corporation t	12,50%	1054/193	
	Antero Resources Corporation	SWN Production Company, LLC and Statoil USA Onshore Properties Inc.		168A/318	
	Allen Kent Pyles, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	17%	138A/146	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		142A/228	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/285	1
	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	1
	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801	1
	Beth A. Pyles, a widow	Chesapeake Appalachia, L.L.C.	17%	136A/307	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.	2.2	143A/285	
	Chesapeake Appalachia, L.L.C.			157A/540	1
		SWN Production Company, LLC			
	Statoil USA Onshore Properties Inc. Beverly Mason, a married man dealing in her sole	SWN Exchange Titleholder LLC Chesapeake Appalachia, L.L.C.	17%	158A/801 139A/533	
	and separate property Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/285	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/227	
	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801	
	Brenda Pittman, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17%	140A/40	1100
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/227	
	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801	
	Carol J. Buckle and Robert D. Buckle, her husband	Chesapeake Appalachia, L.L.C.	17%	138A/505	
		William To the Terrent Terrent			
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		142A/228	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/285	
	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801	
	Doris Lee Haught, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17%	138A/477	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/285	
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/227	
	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801	
	Edwin Lee Pyles and Belinda L. Pyles, his wife	Chesapeake Appalachia, L.L.C.	17%	137A/425	AUG 1920
	Chesapeake Appalachia, L.L.C.	Statoll USA Onshore Properties Inc.		142A/228	of Oil
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/285	Alla
	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	70610
	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801	3 20
	Flossie Kourey, a widow	Chesapeake Appalachia, L.L.C.	17%	137A/440	Environmental Protes
	Charanaska Appalachia I.I.C	Statoil USA Onshore Properties Inc.		142A/228	Shvirona Departm
	Chesapeake Appalachia, L.L.C.				men "nen
	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/285	01/01/0
					Protection
	Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	Protecti
	Chesapeake Appalachia, L.L.C.		17%		Environmental Protection

Chesspeaks Applatchill, LLC			470/	1444/75		ı
Classpace Appaichin, LLC	Gary Johnson, a/k/a Gary W. Johnson, a widower	Chesapeake Appalachia, L.L.C.	17%	144A/75		
State Stat	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		-		
Secretary 1996/923	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540		
Will Company	Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801		
EGT Production Company SWI Production Company LLC Table	•	EQT Production Company	15%	190A/523		
Gilen D. Gillen L. gilvid Glein Gilbert and Charlotte V. Clesepask Applaichis, LLC. 17% 1364/132				279A/35		
Chespeake Appalichi, LLC Statol USA Onthore Properties Inc. 1347/85	Glen O. Gilbert, a/k/a Glen Gilbert and Charlotte Y.		17%	136A/322		
Classpacek Appalachia, LLC.		Statoil USA Onshore Properties Inc		143A/285		
Stand I U.S. Onshore Properties Inc. Chesapeake Appaichia, I.L.C Stand I U.S. Onshore Properties Inc. Sta		•				
indeen Margaret Downey Pills, a marmined woman dealing in her sole and separate property Chesspeake Appalachia, L.L.C. Statol USA Orothore Properties Inc. Statol USA Orothore Properties Inc. 1374/257 Chesspeake Appalachia, L.L.C. Statol USA Orothore Properties Inc. 1484/257 Chesspeake Appalachia, L.L.C. Statol USA Orothore Properties Inc. 1494/269 Chesspeake Appalachia, L.L.C. Sav Norothorio Company, U.C 1579/860 SWR Exchange Tethnolder LLC 1579/860 1579/8		• •				
dealing in her sole and separate property Chespesek Appaichia, LLC. Sittol USA Onthore Properties Inc. 157//540 Inyl, Dovies, afVa by Davies and Kenneth Davies, Demandary, LLC Invl. Davies, afVa by Davies and Kenneth Davies, One-speak Appaichia, LLC. Sittol USA Onthore Properties Inc. Sittol USA Onthore Proper			17%			
Chesspeake Appalachia, LLC. Satiol USA Onthore Properties Inc. SWIN Production Company. LLC Chesspeake Appalachia, LLC. SWIN Production Company. LLC SWIN Schmage Titleholder LLC SWIN Production Company. LLC SWIN Schmage Titleholder LLC SW		and a second second				
Ny Devices, 3/Va by Devices and Kenneth Devices, here hashand	Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/227		
The Nutsband	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540		
Chesapeake Appailachia, LLC. SWP Production Company. LLC 155A/501		Chesapeake Appalachia, L.L.C.	17%	143A/254		
Startoll USA Ornshore Properties Inc.		Statoil USA Onshore Properties Inc.		149A/269		
Statoll USA Onshore Properties Inc. 1594/801 1594	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540		
Internal Notinis a strigle main	Statoil USA Onshore Properties Inc.			158A/801		1
SWN Production Company (LU/Equinor USA Onshore Properties, Inc. 17% 136A/10	·		15%	191A/921		
Onshore Properties, Inc.	· · · · · · · · · · · · · · · · · · ·			279A/35		
Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 157/540 SWN Exchange Titleholder LLC 157/540 Statol USA Onshore Properties inc. SWN Exchange Titleholder LLC 158/801 Statol USA Onshore Properties Inc. 142/228 Chesapeake Appalachia, L.L.C. Statol USA Onshore Properties Inc. 143/285 SWN Exchange Titleholder LLC 158/801 Marlene H, Prosser, alv/s Molly Prosser and David Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 158/801 Statoll USA Onshore Properties Inc. 143/225 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 158/801 Statoll USA Onshore Properties Inc. 143/226 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 158/801 Statoll USA Onshore Properties Inc. 158/801 Marlene L, Prosser, alv/s Molly Prosser and David Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 158/801 Statoll USA Onshore Properties Inc. 158/801 Marlene L, Prosser, alv/	January E. Adaman a mildam	Onshore Properties, Inc.	170/	1364/10		
Chesapeake Appalachia, LLC. Statoli USA Onshore Properties Inc. OWN Exchange Titleholder LLC Statoli USA Onshore Properties Inc. Own Exchange Titleholder LLC Statoli USA Onshore Properties Inc. Chesapeake Appalachia, LL.C. Statoli USA Onshore Properties Inc. Chesapeake Appalachia, LL.C. Statoli USA Onshore Properties Inc. Statoli USA Onshore Properties			1/70			
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Marlene H. Prosser, a/k/a Molly Prosser and David Prosser and David P. Prosser, her husband P. Prosser, her husband Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Statoil USA Onshore Properties Inc. SWN Exchange Titleholder LLC SWN Exchange Titleholder LLC Swn Production Company, LLC Statoil USA Onshore Properties Inc. Swn Exchange Titleholder LLC Swn Production Company, LLC Statoil USA Onshore Properties Inc. Swn Production Company, LLC Statoil USA Onshore Properties Inc. Swn Production Company, LLC Statoil USA Onshore Properties Inc. Swn Production Company, LLC Statoil USA Onshore Properties Inc. Swn Exchange Titleholder LLC Statoil USA Onshore Properties Inc. Swn Exchange Titleholder LLC Statoil USA Onshore Properties Inc. Swn Exchange Titleholder LLC Statoil USA Onshore Properties Inc. Swn Exchange Titleholder LLC Statoil USA Onshore Properties Inc. Swn Production Company, LLC Statoil USA Onshore Properties Inc. Swn Production Company, LLC Statoil USA Onshore Properties Inc. Swn Production Company, LLC Swn						
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Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Statoil USA Onshore Properties Inc. Martha Diana Flowers, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Production Company, LLC SWN Exchange Titleholder LLC SWN Exchange Titleholder LLC Chesapeake Appalachia, L.L.C. SWN Exchange Titleholder LLC SWN Production Company, LLC Statoil USA Onshore Properties Inc. SWN Exchange Titleholder LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Exchange Titleholder LLC SWN Exchange		Seedall LICA Onshaus Businessias Inc.		1434/205		
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Martha Diana Flowers, a married woman dealing in Chesapeake Appalachia, L.L.C. her sole and separate property Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. SWN Production Company, LLC SWN Production Company, LLC SWN Exchange Titleholder LLC Mitzilou Cecil, a/k/a Mitzi Lou Cecil and Floyd Cecil Mitzilou Cecil, a/k/a Mitzi Lou Cecil and Floyd Cecil Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. SWN Production Company, LLC SWN Production Company SWN Exchange Titleholder LLC SWN Exchange						
her sole and separate property Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. 142A/228 Office of Oland Gallow Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Statoil USA Onshore Properties Inc. 158A/801 Mitzilou Cecil, a/k/a Mitzi Lou Cecil and Floyd Cecil Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. 178 Statoil USA Onshore Properties Inc. 143A/285 Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. SwN Production Company, LLC Statoil USA Onshore Properties Inc. SWN Production Company, LLC Statoil USA Onshore Properties Inc. SWN Exchange Titleholder LLC SWN Exchange Titleholder LLC SWN Exchange Titleholder LLC SWN Production Company SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company, LLC/Equinor USA Statoil USA Onshore Properties Inc. SWN Production Company SWN Produ	•		17%			
Molli-B Morris, a single woman EQT Production Company 15% 190A/521 190A/521 EQT Production Company SWN Production Company, LLC/Equinor USA 279A/35	her sole and separate property		1770		Α.	
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eriorie e republicaj ilita	Eq. Froduction Company	Onshore Properties, Inc.		2/YA/35		

R.D. Morris, Jr., a/k/a Robert D. Morris, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	17%	144A/460		
Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		157A/504		
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540		
Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801		
Robert O'Neil, a/k/a Bob O'Neil, a single man	Chesapeake Appalachia, L.L.C.	17%	144A/91		
	Statoil USA Onshore Properties Inc.		149A/269		
Chesapeake Appalachia, L.L.C.	·		157A/540		
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		158A/801		
Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC	17%	144A/95		
Ronald O'Neil, a/k/a Ron O'Neil, a single man	Chesapeake Appalachia, L.L.C.	1776	1447(33		
Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		157A/504		
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540		
Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801		
Shirley Ebert, a/k/a Shirley K. Ebert, a widow	Chesapeake Appalachia, L.L.C.	17%	136A/327		
Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/285		
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540		
Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801		
Starlet R. Eiting, a single woman	EQT Production Company	15%	191A/923		
EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35		
Sue Carol Davisson and William G. Davisson, her husband	Onshore Properties, Inc. Chesapeake Appalachia, L.L.C.	17%	139A/288		
Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		142A/228		
Chesapeake Appalachia, L.L.C.	Statoil USA Onshore Properties Inc.		143A/285		
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540		
Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC		158A/801		
Tracy G. Matthews, married man dealing in his sole	=	15%	191/919		
and separate property EQT Production Company	SWN Production Company, LLC/Equinor USA		279A/35		
Amy M. Thomas, married dealing in her sole and	Onshore Properties, Inc. SWN Production Company, LLC	17%	285A/756		
separate property	SWIN Production Common LLC	17%	277A/134		
B. Kenneth Richmond, widower	SWN Production Company, LLC	17%	290A/149		
Beth Ann Baker	SWN Production Company, LLC				
Bradley J. Pyles, married dealing in his sole and separate property Carla Sue Strahl, a married woman dealing in her	SWN Production Company, LLC SWN Production Company, LLC	17% 15%	279A/710 189A/539		
sole and separate property Carol E. Cain, widow	SWN Production Company, LLC	17%	278A/665		
	SWN Production Company, LLC	17%	277A/500		
Cathy S. Pyles, single		15%	189A/545		
Charles B. Strope, a married man dealing in his sole and separate property Darlene Braun, married dealing in her sole and	SWN Production Company, LLC	17%	277A/516		
separate property	Strive rounded on company, LLC	1770	2777,4520		
Debra L. West	SWN Production Company, LLC	17%	277A/124		
Donna G. Smittle and Dillon R. Smittle, her husband	SWN Production Company, LLC	17%	284A/363		
Douglas P. Moats, married dealing in his sole and separate property	SWN Production Company, LLC	17%	284A/358		
Floyd P. Doty and Linda S. Doty, married couple, dealing in their sole and separate properties	SWN Production Company, LLC	18%	282A/492		
Care II Manual	SHALD - destine Comment II C	470/	2774 (420		
Gary H. Kappel	SWN Production Company, LLC	17%	277A/129		
Gary W. Strope, a married man dealing in his sole and separate property	SWN Production Company, LLC	15%	189A/543		
Hubert Morris, single	SWN Production Company, LLC	17%	277A/139		
Janet W. Bole, widow	SWN Production Company, LLC	17%	281A/429	0. 8	~
Jeffrey M. Jolliff, single	SWN Production Company, LLC	17%	279A/665	Mice !	CEIL
Jill D. Regan, married dealing in her sole and	SWN Production Company, LLC	17%	283A/412	1.	OILED
separate property Jill V. Lee, married dealing in her sole and separate	SWN Production Company, LLC	17%	283A/789	AUG J	And Ga
property John J. Yoho, married dealing in his sole and	SWN Production Company, LLC	17%	292A/580	AUG I	2022
separate property John W. Kerns Heirs Trust Under Agreement dated September 1st, 1962, by United Bank, as Successor	SWN Production Company, LLC	20%	287A/788	AUG I Environmaniai Fro	3
Trustee				~~	Ken.
JPMorgan Chase Bank, N.A., Trustee of the Will E. Morris Heirs Trust	SWN Production Company, LLC	20%	Pending		Chon
Judith C. Beltz, divorced	SWN Production Company, LLC	17%	280A/354		
Judith G. Carter, married dealing in her sole and separate property	SWN Production Company, LLC	17%	280A/370		
Judith L. Greer, a widow	SWN Production Company, LLC	17%	273A/860		
Kathryn Pyles, single	SWN Production Company, LLC	17%	277A/511		
Linda L. Oliver, widow	SWN Production Company, LLC	17%	282A/575	j	

4	3-1-20	Piney Holdings, Inc.	SWN Production Company, LLC	20%	261A/91	0.00%
.3	3-1-21	Antero Resources Corporation	SWN Production Company, LLC	20%	272A/588	0.00%
		separate property				
		William L. Jolliff, married dealing in his sole and	SWN Production Company, LLC	17%	279A/645	
		separate property	, , ,			
		Vicki J. Miles, married dealing in her sole and	SWN Production Company, LLC	17%	280A/338	
		Theresa Jean Brewington, married dealing in her sole and separate property	SWN Production Company, LLC	17%	278A/670	
		The Sidney Austin Smith Trust, LLC	SWN Production Company, LLC		•	
		separate property	SMAI Deaduction Comment II C	20%	281A/427	
		Suzanne D. Walls, married delaing in her sole and	SWN Production Company, LLC	17%	284A/343	
		Suzanne B. Wallace	SWN Production Company, LLC	17%	285A/204	
		Scott A. Parsons	SWN Production Company, LLC	17%	278A/660	
		Sally Lou Anderson, single	SWN Production Company, LLC	17%	277A/506	
		and separate property	47			
		Roger S. Strope, a married man dealing in his sole	SWN Production Company, LLC	15%	189A/541	
		Patricia Y. Warthan	SWN Production Company, LLC	17%	285A/199	
		Morris Mountaineer Oil and Gas, LLC	SWN Production Company, LLC	20%	281A/425	
		Mary L. Kemp and David B. Kemp, her husband	SWN Production Company, LLC	17%	277A/119	
		Mary E. Mitchem, divorced	SWN Production Company, LLC	17%	284A/353	
		separate property	, ,			
		Martha E. Genig, married dealing in her sole and	SWN Production Company, LLC	17%	262A/764	
		Martha A. McConnell	SWN Production Company, LLC	17%	289A/624	
		Mark H. Yarosz	SWN Production Company, LLC	17%	284A/348	



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 64, 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 74.0000% of Assignor's right title and interest in and to and (b) EQNR an undivided 26.0000% 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 Exhibit A attached hereto (the "Leases") INSOFAR AND ONLY INSOFAR as they cover those lands described on Exhibit A (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 Special Warranty of Title. 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.

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Office of Oil and Gas
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WV Department of
Environmental Protection

EXCEPT AS EXPRESSLY REPRESENTED OTHERWISE IN SECTION 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, QUALITY 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 Separate Assignments. 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 Governing Law. 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



WV Dep 09/16/2022

Environmental Protection

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 XII.E. OF THE ACREAGE TRADE AGREEMENT.

- Successors and Assigns. This Assignment shall bind and inure to the Section 3.3 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.
- Titles and Captions. All Article or Section titles or captions in this Section 3.4 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.
- Counterparts. This Assignment may be executed in any number of Section 3.5 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.
- Prior Representations, Warranties and Covenants. To the extent, and Section 3.6 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, RECEIVED Office of Oil and Gas 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 Exhibit B to the Acreage Trade Agreement not less than the percentage set forth on Exhibit B 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 TOUCH

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: 07:30-20-4

lotary Public

HALEY MICHELLE STACKHOUSE Notary Public, State of Texas Comm. Expires 07-30-2024 Notary ID 132596608

AUG 1 2022

Environmental Protection

09/16/2022

ASSIGNEES:

SWN PRODUCTION COMPANY, LLC a Texas limited liability company

By: PAN M BACHO
Title: LAND MANAGES

ACKNOWLEDGMENTS

ACKNO WEED OMENTS
STATE OF TEXAS. COUNTY OF HARRIS
On this, the day of July, 2022, before me a Notary Public, the undersigned officer PAUL M. BACKET, personally appeared and acknowledged himself to
undersigned officer, PAUL M. BACHD, personally appeared and acknowledged himself to be the LAND MANAGER of SWAL PROJUCTOR OF SWAL PROJUCTOR OF SWALL OF SWAL
Texas limited Liability, and that he as such LAND MANAGEN 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
LAL SHIPP Mary ID # 6231071 Poires February 20, 2024 Notary Public
SEAL My commission expires: 2/20/2024 SHEILAL SHIPP

SHEILAL SHIPP
My Notary ID # 6231071
Expires February 20, 2024

ASSIGNEES

	a Delaware corporation
	By: Name: Title:
ACKY	NOWLEDGMENTS
STATE OF	•
undersigned officer,	, 2022, before me a Notary Public, the, personally appeared and acknowledged himself to, a
executed the foregoing instrument for the corporation by himself as	of, a as such and being authorized to do so, purposes therein contained by signing the name of the
	Notary Public
SEAL My commission expires:	

Office of Oil and Constitution of the Projection

Exhibit "A" Leases - TH Exploration, LLC to SWN and EQNR

Attached to and made a part of that certain Assignment and Conveyance, effective July 52022 by and between TH Exploration, LLC and SWN Production Company, LLC and Equinor USA Onshore Properties Inc.

TH Lease Number	Lessor	Lessee	Effective Date	County	District	BK-PG	Gross Acres	Tax Parcel Number	Partial Assignment	Conveyed Parcels	Retained Parcels	Conveyed 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

Office of OI and Gass

AUG 1 9 2022

Environmental Protection



west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street SE, Charleston, WV 25304 304-414-1239

Randall M. Albert, Chairman dep.wv.gov

BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE REQUEST BY SWN PRODUCTION
COMPANY, LLC FOR AN ORDER FROM THE COMMISSION
ESTABLISHING A DRILLING UNIT AND POOLING OF
UNLEASED TRACTS AND INTERESTS OF OIL AND GAS
OWNERS AND OPERATORS WHO HAVE NOT ENTERED INTO
VOLUNTARY AGREEMENTS ALLOWING FOR THE DEVELOPMENT
AND OPERATION OF THE YOCUM SOUTH B UNIT CONSISTING OF
546.62463 ACRES, TO BE LOCATED IN LIBERTY DISTRICT MARSHALL
COUNTY, AND CENTER DISTRICT AND CLAY DISTRICT, WETZEL
COUNTY, WEST VIRGINIA

REPORT AND ORDER OF THE COMMISSION

On July 18, 2022 and as further continued on August 22, 2022, the Applicant, SWN Production Company. LLC ("SWN"), appeared by Paul J. Atencio, of Atencio Hall & McKernan, PLLC, its counsel, before the West Virginia Oil and Gas Conservation Commission (the "Commission") upon SWN's request to form a drilling unit, the Yocum South B Unit, located in Marshall County and Wetzel County, West Virginia, having as its target formation the Marcellus Shale formation and consisting of 546.62463 acres, which shall include two horizontal wells identified as the Yocum MSH 10H and Yocum MSH 8H wells (collectively, the "Unit").

Upon presentation of testimony and exhibits, the Commission hereby forms the Yocum South B Unit pursuant to West Virginia Code Section 22C-9-7a, as shown on the Exhibit attached hereto and incorporated herein.

Mr. Ian Nicas, landman for SWN, holds an undergraduate degree from University of Nebraska Lincoln and a J. D. from South Texas College of Law. Mr. Nicas testified as to the current status of the interests SWN proposed to force pool and described SWN's efforts to locate and negotiate with interests that were either: (a) unleased; (b) subject to a lease that did not contain pooling or unitization rights; or (c) are subject to a lease that is held by other operators that have not entered into voluntary agreements allowing for the development and operation of the Unit. Mr. Nicas also testified that there are unknown or unlocatable interest holders that are subject to the Co-Tenancy Act. Additionally, several interests that are leased but that lack pooling and unitization terms and conditions are also held by unknown or unlocatable owners. Mr. Nicas testified that the Unit is necessary to prevent waste from acreage that would otherwise be stranded or uneconomical to produce unless it is included in this Unit, and that an order from the Commission is necessary to develop the Unit acreage to protect the correlative rights of unit owners consistent with the public policy of West Virginia to conserve and develop the state's natural resources.

Mr. Edwin Buchwalter, development geologist for SWN, holds bachelor's and master's degrees from Ohio State University. Mr. Buchwalter testified that the Unit and corresponding horizontal wells target the Marcellus Shale formation, that the unitized formation is a pool or part of a pool of hydrocarbons with lateral consistency and uniformity, and therefore production from the Unit should be allocated on a surface acreage or net mineral acre basis. Mr. Buchwalter testified that the Unit and wells are designed to effectively and efficiently drain the target

formation unit acreage, and that the Unit is necessary to prevent waste and to prevent mineral acreage from being stranded.

Mr. Tim Wright, a reservoir engineer for SWN, holds a bachelor's degree in petroleum engineering from Louisiana State University. Mr. Wright testified that the Unit and corresponding wells are designed to maximize production from the Unit, that it is not practical to develop the target formation from vertical wells, and that the Unit and wells as planned prevent waste and protect the correlative rights of the owners in the Unit.

The Commission examined the witnesses. Several interested owners subject to SWN's request to force pool and unitize their interests pursuant to SWN's Application did not appear or object to SWN's Application, including: (a) the individual unleased mineral owner; (b) several leased mineral owners who have not entered into voluntary agreements allowing for the development and operation of the Unit; and (c) two operators including EQT Production Company and WISC Deuce LP who have not entered into voluntary agreements allowing for the development and operation of the Unit. Blue Ridge Royalties, LLC, an operator and holder of working interests in the proposed Unit, submitted an objection via letter but did not appear at the July 18, 2022 hearing. By letter dated July 26, 2022, SWN, through its counsel, submitted a post-hearing response to address questions and matters raised during the July 18, 2022 hearing. Blue Ridge Royalties, LLC appeared at the August 22, 2022 hearing to submit testimony in objection to SWN's Application. By Partial Assignment effective August 31, 2022, a copy of which was provided to the Commission, Blue Ridge Royalties, LLC assigned all of its leasehold working interests within the Unit to SWN. Therefore, Blue Ridge Royalties is no longer an interested party in the Unit and its objections are resolved.

Mr. Jeffrey Yourkovich CPA, CMM, CGMA, of Yourkovich & Associates in Wheeling, West Virginia, was selected by the Commission as an independent accountant for the purpose of reviewing confidential royalty and bonus information of the leasehold unitized acreage within the Unit pursuant to West Virginia Code §22C-9-7a(g)(4), et seq. At the August 22, 2022 hearing, the Commission entered Mr. Yourkovich's report into the docket and approved the findings and conclusions of the report.

Following the testimony on August 22, 2022, the Commission adjourned for deliberation.

Upon return, the Commission approved SWN's Application. The Commission makes the following findings of fact and conclusions of law and orders as follows:

FINDINGS OF FACT

- 1. Members of the Commission present at the hearing were Randall M. Albert, Chair, James Martin, Michael McCown, Robert Radabaugh and Harold Ward, Commissioners. Susan Rose attended as Commission staff, and John Gray, attended as counsel to the Commission. SWN witnesses attended in person at the July 18, 2022 hearing and remotely by video at the August 22, 2022 hearing.
- 2. SWN is an operator within the meaning of West Virginia Code § 22C-9-2.
- 3. The Yocum South B Unit and wells within the Unit are a horizontal well unit and wells within the meaning of West Virginia Code § 22C-9-2 and West Virginia Code § 22C-9-7a, and the Commission has jurisdiction to form the Unit requested. Through testimony and exhibits, the Commission has adequate information to evaluate SWN's requests and make this Report and Order.

CONCLUSIONS OF LAW

- 1. Due and proper notice of time, place and purpose of hearing has been given in all respects as required by law.
- 2. The Commission has jurisdiction over the subject matter and authority to grant the relief requested.
- 3. The hearing was property convened, and a quorum of Commissioners were present.
- 4. SWN is an experienced, qualified operator of horizontal wells.
- 5. The requested Unit is necessary to promote the exploration for and development, production, utilization and conservation of oil and gas resources.
- 6. SWN presented exhibits which showed the proposed Yocum South B Unit, and testimony regarding the Unit and proposed wells, adequate for the Commission to review the Unit, the wells and to enter this Order. The Unit is approved as submitted with the Application therefore and is formed at the location shown on the Exhibit attached to this Report and Order.
- 7. Forming the Unit will prevent waste, promote conservation, exploration, development and maximum recovery of oil and gas, and protect correlative rights of owners and operators such that each will receive a just and equitable share of production.

ORDER

With respect to the Marcellus Shale formation, the Commission hereby forms the Yocum South B Unit and the property in the Unit is hereby pooled for drilling, production and sale of oil and gas from the Marcellus Shale formation.

SWN is hereby appointed Operator of the Yocum South B Unit, and upon receipt of a permit, is authorized to drill, complete and produce two horizontal wells which target the Marcellus Shale formation in the Unit. With respect to production from a horizontal well drilled in the Unit, regardless of the tract or tracts in the unit from which oil or gas is produced, the Operator shall divide and allocate revenue from production from each well drilled within the Unit to the tracts or portions thereof in the Unit, on the basis of acreage in a tract or portion thereof included in the Unit bears to the total acreage in the Unit, and the royalty with respect to each tract, or portion thereof, within the Unit shall be allocated to royalty owners in that tract (calculating partial interests on a pro rata basis for royalty interest on any parcel owned in common).

All reasonable costs and expenses of drilling, completing, equipping, operating, plugging and abandoning such well shall be borne, and all production therefrom shared, by all owners of operating interests who elect to participate in the well to be drilled in the Unit in the proportion their net oil or gas operating interest acreage in the Unit bears to the total acreage in the Unit.

All operations, including, but not limited to, the commencement, drilling or operation of a well upon any portion of the Unit shall be deemed for all purposes the conduct of such operations upon each separately owned tract in the unit by the owners thereof. That portion of the production allocated to a tract included in the Unit shall, when produced, be deemed for all purposes to have been actually produced from such tract within the Unit by a well drilled thereon.

All property, and interests therein, that lie within the Unit are hereby included in the Unit.

This Order shall be binding on the property subject to the Unit and all owners of the property and their heirs, representatives, successors, and assigns.

Owners of Property Not Subject to an Oil and Gas Lease

Unleased owners shall be paid a one-time payment equal to Four Thousand Seventy-One and 48/100 Dollars (\$4,071.48) per net oil and gas acre owned within the Unit and shall receive a production royalty of twenty percent (20%). The production royalty payable to unleased owners shall be paid on revenues received from sales which shall be equal to an amount received from sales to a bona fide, arm's length third party purchaser without deduction of post-production expenses, payable as SWN pays royalties to other lessors in the unit in the regular course of business. In the event there is a dispute regarding any payments, the parties shall apply to the Commission for resolution of the dispute.

SWN shall send a copy of this Order to each unleased owner whose address is known to SWN. Provided, that on the request received within ninety (90) days after entry of this Order, unleased owners shall be afforded the opportunity to make elections pursuant to West Virginia Code § 22C-9-7a(f)(7) by so notifying SWN, including making an election to surrender its unleased oil and gas interest to participating operators in the Unit for consideration under Section 22C-9-7a(f)(7)(A); or making an election for unitization consideration under 22C-9-7a(f)(7)(B).

Owners of Property Subject to Oil and Gas Leases who Have Not Consented to Pooling and Unitization

Royalty owners of leased tracts who have not consented to pooling or unitization shall be paid a one-time payment equal to One Thousand Seventeen and 87/100 Dollars (\$1,017.87) per net oil and gas acre owned within the unit and shall receive a production royalty of 13.9 percent (13.9%). The production royalty payable to unleased owners shall be paid on revenues received from sales which shall be equal to an amount received from sales to a bona fide, arm's length third party purchaser without deduction of post-production expenses, payable as SWN pays royalties to other lessors in the unit in the regular course of business. In the event there is a dispute regarding any payments, the parties shall apply to the Commission for resolution of the dispute.

Third Party Operators

In the event that any third-party operator does not convey all of its interest in the Unit to SWN through a recorded assignment, the third-party operator's interest(s) in the Unit shall be force pooled, and the force-pooled third party operator shall have the option to participate in the drilling of the wells in the Unit on a limited or carried basis pursuant to the terms of the operating agreement included in the unitization application and further amended by SWN in a letter to the Commission dated July 26, 2022 placed of record as Exhibit 3 in the hearing held on August 22, 2022. In the event there is any dispute regarding payments to the third-party operator, the parties shall apply to the Commission for resolution of the dispute.

This pooling and unitization for production of oil and gas from the Marcellus Shale formation shall exist until the Commission orders otherwise.

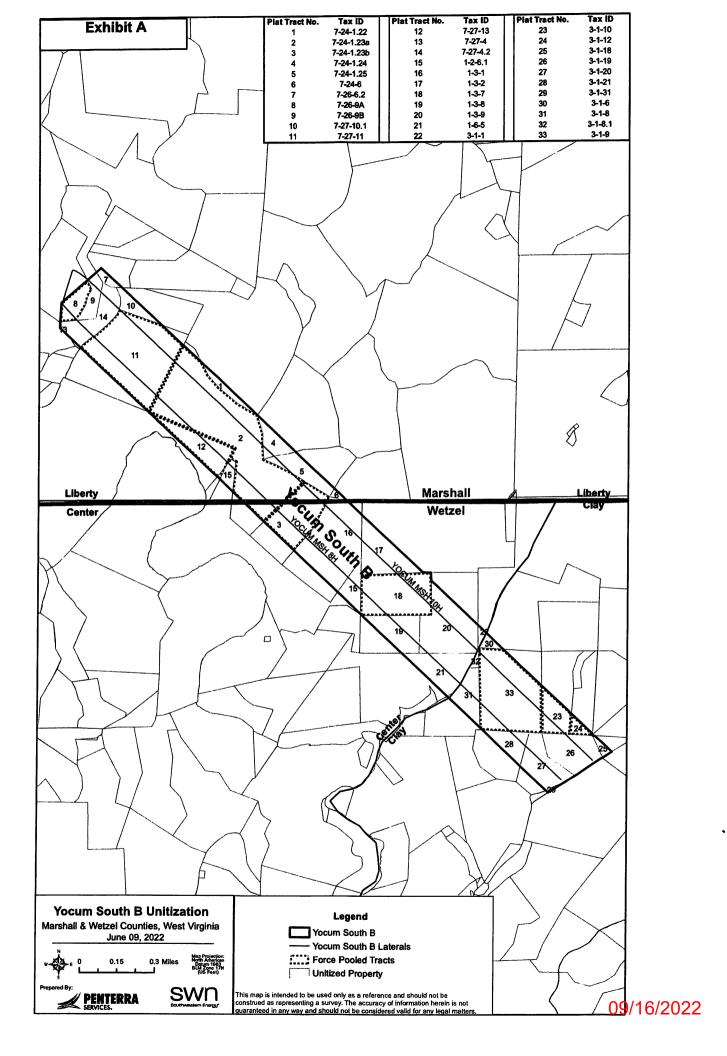
IT IS SO ORDERED.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF WEST VIRGINIA

By: Randall M. Albert
Randall M. Albert, Chairman

Dated this 7th day of September, 2022, at Charleston, West Virginia



4705102461



SWN Production Company, LLC

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

June 20, 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 8H in Marshall County, West Virginia, Drilling under Amos Hollow Road and Rice Ridge 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 and Rice Ridge 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.

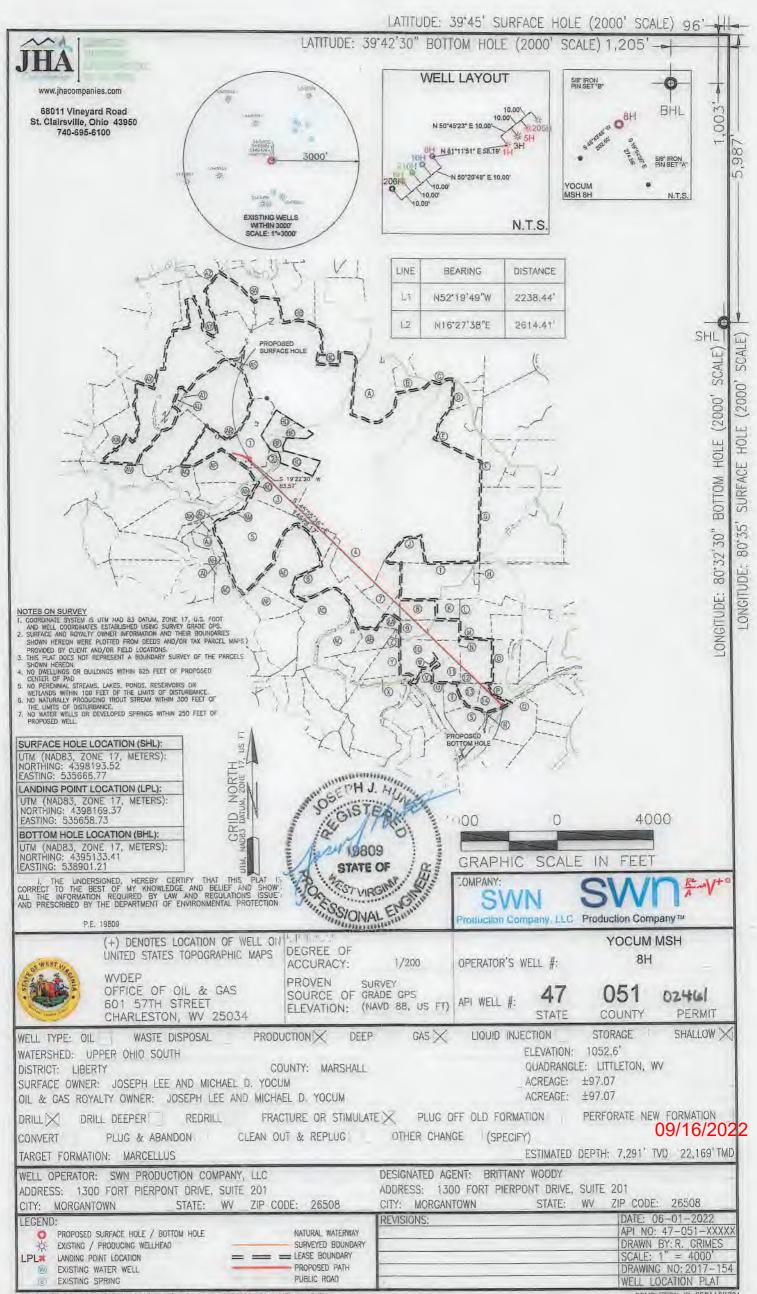
Sincerely,

Ian R. Nicas

Staff Landman

SWN Production Company, LLC

R2 nV+"



	WELL BORE TABLE FOR SURFACE/ROYALTY OWN	ERS
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	YOCUM JOSEPH LEE & MICHAEL D	7-26-9
TRACT	SURFACE OWNER	TAX PARCEL
2	STIPETICH SUSAN F & FRANK R	7-27-4.2
3	VELLEKOOP PETER B ET UX - TOD	7-27-11
4	W VA WILDLIFE RESOURCES SECTION	7-24-1
5	VELLEKOOP PETER B ET UX - TOD	7-27-13
6	SEIDLER EARL DALE & NETTIE	1-2-6.1
7	WILLIAMS KATHERINE E TRUST	1-3-1
8	WILLIAMS LONNIE L	1-3-7
9	WILLIAMS JOHN EDWARD	1-3-8
10	MCGUFFIE ARCH	1-6-5
11	MILLIKEN KEVIN R ETAL	3-1-8
12	DRAHEIM GARY W JR ETAL	3-1-9
13	CONSOLIDATED GAS TRANS CORP	3-1-21
14	CONSOLIDATED GAS TRANS CORP	3-1-20

	ADJOINING OWNERS TABLE	
TRACT	SURFACE OWNER	TAX PARCEL
A	GRESHAW JASON M & MARY L	7-25-2
В	BROWN ANDREW C III	7-25-6
С	HARRINGTON CLYDE F	7-25-7
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
J	WADE MICHAEL CLAY & MCCELLAND LAWRENCE W - TOD ET AL	7-24-6
K	WILLIAMS JOHN EDWARD	1-3-9
L	JOHNSON VERNON S EST	3-1-1
M	DRAHEIM HERBERT P ET AL	3-1-6
N	CBC HOLDINGS LLC	3-1-8.1
0	DRAHEIM GARY WAYNE JR ETAL	3-1-10
P	CONSOLIDATED GAS TRANS CORP	3-1-19
Q	CONSOLIDATED GAS TRANSMISSION	3-1-32
R	CONSOLIDATED GAS TRANSMISSION	3-1-31
S	CONSOLIDATED GAS TRANSMISSION	3-1-29
T	PHILLIPS JR CHARLES R	3-1-22
U	S&R INVESTMENTS	3-1-23
٧	CONSOLIDATED GAS TRANS CORP	3-1-7
W	MILLIKEN KEVIN R ETAL	1-6-6
X	BERRY LAWRENCE C & DOROTHY J	1-6-8
Υ	WILLIAMS JOHN E HRS	1-6-4
Z	UNKNOWN	UNKNOWN
AA	CONSOLIDATED GAS TRANSMISSION	1-3-5
AB	BLACKROCK ENTERPRISES LLC	1-6-1
AC	SEIDLER E DALE & NETTIE L	1-5-10

	ADJOINING OWNERS TABLE	
TRACT	SURFACE OWNER	TAX PARCEL
AD	SEIDLER E DALE & NETTIE L	1-2-6.2
AE	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-6
AF	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-12
AG	MCINTIRE STEPHEN ROSS	1-2-5
AH	FERDA BRIAN T ET UX	7-27-15
Al	FITZSIMMONS SCOTT M ET AL	7-27-14
AJ	FERDA BRIAN T ET UX	7-27-16
AK	FERDA BRIAN T ET UX	7-27-16.1
AL	GEHO ANNIE L EST	7-27-21
AM	BURGE DELORES E ET AL	7-27-10
AN	HIGH PHILLP D	7-27-8
AO	YOCUM JOSEPH LEE & MICHAEL D	7-27-4.1
AP	YOCUM JOSEPH LEE & MICHAEL D	7-27-5
AQ	HORNER DELORSE A	7-26-10
AR	CONSOLIDATED GAS SUPPLY CORP	7-26-8
AS	BUZZARD COLIN R	7-26-3
AT	BUTLER JOHN M & LISA A	7-26-11.1
AU	HUNDRED RESOURCES INC	7-26-11
AV	RIGGS JOHN E JR & DELANA	7-27-2
AW	MORGAN JAMES E - LIFE	7-26-14
AX	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-28
AY	FROMHART BRAD ET UX - LIFE	7-20-41
AZ	UNDERDONK ALAN	7-16-25.1
ВА	BURLEY AMMON ET UX	7-20-12
ВВ	BURLEY AMMON A	7-20-24
BC	BURLEY AMON A	7-20-37
BD	GEDEON DANIEL D ET UX	7-26-6
BE	VELLEKOOP PETER B ET UX - TOD	7-26-6.1
BF	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
BG	VELLEKOOP PETER B ET UX - TOD	7-27-10.1

09/16/2022

REVISIONS:

COMPANY:

COMPANY:

Production Company, LLC

Production Company™

OPERATOR'S

WELL #: 41-051-02464

BH

DATE: 06-01-2022

API NO: 47-051-XXXXX

DRAWN BY:R. GRIMES

DISTRICT:

LIBERTY

MARSHALL

WV

DRAWING NO:2017-154

WELL LOCATION PLAT

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

Date of Notic	ce Certification:	AP	API No. 47- 009				
			Op	erator's	Well No. Yocu	m MSH 8H	
			W	ell Pad N	Name: Yocum	MSH	
Notice has I	been given:						
Pursuant to th	ne provisions in West Virginia Co	de §	22-6A, the Operator has provide	ed the rec	quired parties w	ith the Notice Forms listed	
	tract of land as follows:						
State:	West Virginia			sting:	535666.77		
County:	051-Marshall		NC	orthing:	4398193.52		
District:	Liberty		Public Road Access:		Amos Hollow Roa	ad	
Quadrangle:	Littleton		Generally used farm	name:	Yocum		
Watershed:	Upper Ohio South						
prescribed by it has provide information reof giving the requirements Virginia Code of this article	West Virginia Code § 22-6A-7() the secretary, shall be verified an ed the owners of the surface desequired by subsections (b) and (c) surface owner notice of entry to of subsection (b), section sixtee e § 22-6A-11(b), the applicant shahave been completed by the appli	nd sh scrib), sec o sur en of all te icant	all contain the following informated in subdivisions (1), (2) and tion sixteen of this article; (ii) the vey pursuant to subsection (a), this article were waived in wrinder proof of and certify to the state.	ation: (1- (4), substant the re- section siting by secretary	4) A certification (b), section (b), section (b), section (c), section of this article of the surface over that the notice	on from the operator that (i) tion ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice oner; and Pursuant to West	
that the Ope	West Virginia Code § 22-6A, the rator has properly served the requect ALL THAT APPLY			Notice C	ertification	OOG OFFICE USE ONLY	
☐ 1. NO	TICE OF SEISMIC ACTIVITY	or	■ NOTICE NOT REQUIRED SEISMIC ACTIVITY WAS CO			RECEIVED/ NOT REQUIRED	
■ 2. NO	TICE OF ENTRY FOR PLAT SU	JRV	EY or NO PLAT SURVEY	WAS CO	ONDUCTED	☑ RECEIVED	
■ 3, NO	TICE OF INTENT TO DRILL	or	☐ NOTICE NOT REQUIRED NOTICE OF ENTRY FOR PLAWAS CONDUCTED or			RECEIVED/ NOT REQUIRED	
			☐ WRITTEN WAIVER BY (PLEASE ATTACH)	SURFA	CE OWNER		
■ 4. NO	TICE OF PLANNED OPERATION	NC				RECEIVED	
■ 5. PUE	BLIC NOTICE		1,400			RECEIVED	
■ 6. NO	TICE OF APPLICATION		1)			RECEIVED	

Required Attachments:

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

4705102461

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

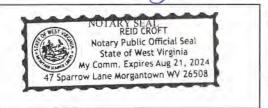
By: Brittany Woody

Its: Senior Regulatory Analyst
Telephone: 304-884-1610

Address: 1300 Fort Pierpont Dr., Suite 201

Morgantown, WV 26508

Facsimile: Email: Brittany_Woody@swn.com



Subscribed and sworn before me this 15th day of Jon, 2022

Notary Public

My Commission Expires 8/21/2024

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.

WW-6A (9-13) API NO. 47 000 5 1 0 2 4 6 1
OPERATOR WELL NO. Yocum MSH 8H
Well Pad Name: Yocum MSH

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

Not	ice Time Requireme	ent: notice shall be provi-	ded no later than	the filing date of permit application.	
	1.60		. 1	12	
Dat	e of Notice: Who	Date Permit Applica	tion Filed:	79	
	ice of:				
101	ice or:				
V	PERMIT FOR AN	v	CATE OF APP	ROVAL FOR THE	
Y					
	WELL WORK	CONSTR	RUCTION OF A	N IMPOUNDMENT OR PIT	
Dali	brass mathad announ	ant to West Virginia Co	nda 8 22-64-10	(b)	
Dell	ivery memou pursu	ant to west virginia Ct	de g 22-07-10	(0)	
	PERSONAL	✓ REGISTERED	☐ METHO	OD OF DELIVERY THAT REQUIRES A	
	SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION	
	SERVICE	MAIL	KLCLI	TOK SIGNATURE CONTRIBUTION	
sedi the soil a desco oper mor well impo have prov prov subs reco prov Cod	ment control plan required surface of the tract on and gas leasehold being bribed in the erosion a cator or lessee, in the control of the conference of the surface to coal seams; (4) The work, if the surface to condition of the surface to a water well, spring wide water for consumptions of this section (b) of this sectords of the sheriff requires of the sheriff requires of the start of the section of this article to the R. § 35-8-5.7.a req	uired by section seven of the which the well is or is proposed developed by the proposed sediment control plants are the tract of land on which work of record of the surfact is to be used for the proposeribed in section nine of the or water supply source location by humans or domestity is to take place. (c)(1) It ion hold interests in the landired to be maintained purson the contrary, notice to a liquires, in part, that the oper	this article, and the posed to be local sed well work, if submitted pursual which the well prurface tract or trallacement, construction article; (5) A stated within one stic animals; and if more than three ands, the applicant suant to section eight holder is not rator shall also proposed well well.	r signature confirmation, copies of the application, the de well plat to each of the following persons: (1) The owners of record of the surface tract or tract the surface tract is to be used for roads or other land district to subsection (c), section seven of this article; (3) The opposed to be drilled is located [sic] is known to be underest overlying the oil and gas leasehold being developed action, enlargement, alteration, repair, removal or abandancy surface owner or water purveyor who is known to the thousand five hundred feet of the center of the well pad (6) The operator of any natural gas storage field within the tenants in common or other co-owners of interests design, article one, chapter eleven-a of this code. (2) Notwood to the Well Site Safety Plan ("WSSP") to the surface as provided in section 15 of this rule.	whers of record of the sturbance as the coal owner, or train by one or by the proposed donment of any the applicant to which is used to which the cribed in scribed in the withstanding any owner. W. Va.
				☑ Well Plat Notice is hereby provided to:	
S	URFACE OWNER(S	s)		COAL OWNER OR LESSEE	
Nan	ne: Joseph L. Yocum			Name: Blaze Minerals	
Add	ress: 230 Curtis Ave			Address: 520 Folly Road, Suite P285	
Mour	dsville, WV 26041			Charleston, SC 29412	
Nan	ne: Michael D. Yocum			COAL OPERATOR	
Add	ress: 2001 4th Street		-	Name:	
	dsville, WV 26041			Address:	
TSI	URFACE OWNER(s	s) (Road and/or Other Dis	sturbance)	5-10-11-11-11-11-11-11-11-11-11-11-11-11-	
		7.7-22-2-2-3-3-3-3		SURFACE OWNER OF WATER WELL	
Add	ress:			AND/OR WATER PURVEYOR(s)	
			-	Name: See Attachment 13A	
Nan				Address	
Add	ress:		-	Address:	
, sul				OPERATOR OF ANY NATURAL GAS STORA	CE ETEL D
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Nan	The state of the s	for the second s	*	Name:	
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_			-	*Please attach additional forms if necessary	

WW-6A (9-13) API NO. 47-051 0 5 1 0 2 4 6 1
OPERATOR WELL NO. Yocum MSH 8H
Well Pad Name: Yocum MSH

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

Notice Time Requir	ement: notice shall be prov	ided no later than	the filing date of permit application.	
Date of Notice: Notice of:	Date Permit Applica	ntion Filed: W	My.	
PERMIT FOR	ANY D CERTIE	ICATE OF APP	ROVAL FOR THE	
WELL WORK			N IMPOUNDMENT OR PIT	
Delivery method pu	rsuant to West Virginia C	ode § 22-6A-10	(b)	
☐ PERSONAL	☑ REGISTERED	☐ METHO	DD OF DELIVERY THAT REQUIRES A	
SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION	
registered mail or by a sediment control plan the surface of the traction oil and gas leasehold described in the erosic operator or lessee, in the more coal seams; (4) well work, if the surfaimpoundment or pit as have a water well, spr provide water for comproposed well work as subsection (b) of this records of the sheriff provision of this article Code R. § 35-8-5,7.a.	any method of delivery that re- required by section seven of ton which the well is or is pro- being developed by the propo- on and sediment control plan- the event the tract of land on a The owners of record of the s- ice tract is to be used for the p- s described in section nine of ing or water supply source loo- sumption by humans or dome ctivity is to take place. (c)(1) section hold interests in the la- required to be maintained pur- let to the contrary, notice to a la- requires, in part, that the ope	equires a receipt of this article, and the oposed to be local used well work, if submitted pursual which the well proposed tract or tracellate tract or tracellate tract or tracellate tract or tracellate tracellate (5) A cated within one testic animals; and If more than three ands, the applicant suant to section elien holder is not rator shall also present the same of the same	as required by this article shall deliver, by personal ser a signature confirmation, copies of the application, the see well plat to each of the following persons: (1) The overed; (2) The owners of record of the surface tract or tract the surface tract is to be used for roads or other land direct to subsection (c), section seven of this article; (3) The opposed to be drilled is located [sic] is known to be underest overlying the oil and gas leasehold being developed action, enlargement, alteration, repair, removal or abandany surface owner or water purveyor who is known to the housand five hundred feet of the center of the well pad (6) The operator of any natural gas storage field withing tenants in common or other co-owners of interests detain the tracticle one, chapter eleven-a of this code. (2) Notwood to a landowner, unless the lien holder is the landowide the Well Site Safety Plan ("WSSP") to the surfacts provided in section 15 of this rule.	erosion and vners of record of ets overlying the sturbance as e coal owner, erlain by one or by the proposed donment of any as applicant to which is used to which the scribed in scribed in the vithstanding any owner. W. Va.
☐ Application Notice	ce ☑ WSSP Notice ☑ E&	&S Plan Notice	☑ Well Plat Notice is hereby provided to:	
SURFACE OWNE			☐ COAL OWNER OR LESSEE	
Name: Susan and Frank	Stipetich		Name: Consol Energy	
Address: 310 3rd Street	10		Address: 257 Technology Drive Suite 101	
Glen Dale, WV 26038			Canonsburg, PA 15317-6506	
Name: Phillip D. High		3	☐ COAL OPERATOR	
Address: 37 Aaronwood	s Court		Name:	
Wheeling, WV 26003			Address:	
□ SURFACE OWNE	R(s) (Road and/or Other Di	isturbance)		
			☐ SURFACE OWNER OF WATER WELL	
Address:			AND/OR WATER PURVEYOR(s)	
			Name:	
			Address:	
Address:		=		
		-	☐ OPERATOR OF ANY NATURAL GAS STORA	GE FIELD
□ SURFACE OWNE	R(s) (Impoundments or Pits	5)	Name:	ACC CONTRACT
	sites (impositioned of The		Address:	
Address:			(10000000)	
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			The control of the c	

4705102461 API NO. 47-009 - OPERATOR WELL NO. YOCUM MSH 8H Well Pad Name: YOCUM MSH

Notice is hereby given:

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

This Notice Shall Include:

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

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

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

Pursuant to W. Va. Code R. § 35-8-15,2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

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

Well Location Restrictions

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

WW-6A (8-13) 4705102461

OPERATOR WELL NO. Yocum MSH 8H

Well Pad Name: Yocum MSH

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

Water Well Testing:

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

Water Testing Laboratories:

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

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

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

Written Comment:

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

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

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

WW-6A (8-13) PI NO. 47- 009

OPERATOR WELL NO, Yocum MSH 8H Well Pad Name: Yocum MSH

Time Limits and Methods for Filing Comments.

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

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

Comment Requirements

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

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

Permit Denial or Condition

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

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

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

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

WW-6A (8-13) 4705102461

API NO. 47-009 -

OPERATOR WELL NO. Yocum MSH 8H

Well Pad Name: Yocum MSH

Notice is hereby given by:

Well Operator: SWN Production Co., LLC

Telephone: 304-884-1610

Email: Brittany_Woody@swn.com

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 deprivacyofficer@wv.gov.

REID CROFT
Notary Public Official Seal
State of West Virginia
My Comm. Expires Aug 21, 2024
47 Sparrow Lane Morgantown WV 26508

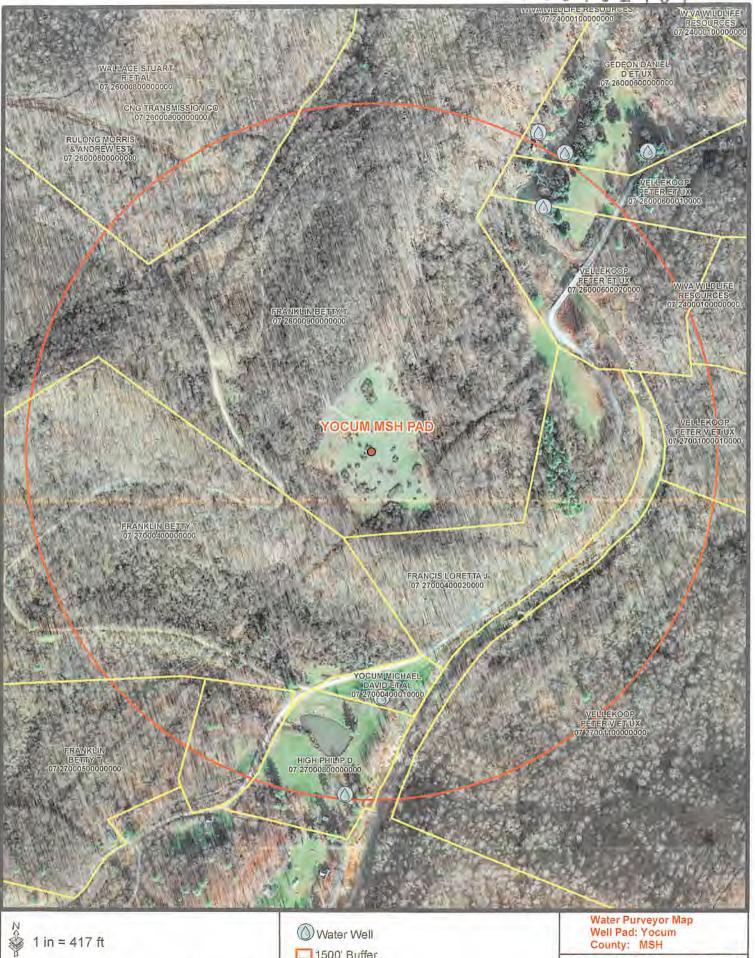
Subscribed and sworn before me this 1st day of Jon , 2022

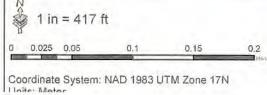
Notary Public

My Commission Expires 8/21/2024

OWNERNAME	ADDRESS	CITY/STATE/ZIP	PARCEL_ID	WaterSaliness
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

4705102461







09/16/2022 Southwestern Energy" Date: 4/19/2018 Author: willish

WW-6A3 (1/12)

4705102461

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

Notice Time R	equirement: Notice shall be prov	vided at least SEVEN (7) day	s but no more than Fo	ORTY-FIVE (45) days prior to				
entry Date of Notice	: 5/18/33 Date of Pla	nned Entry: <u>5 }5 }3</u>		District Control of the Control of t				
Delivery metho	od pursuant to West Virginia C	ode § 22-6A-10a						
☐ PERSONA	AL REGISTERED	☐ METHOD OF DELI	VERY THAT REQU	IRES A				
SERVICE	MAIL	RECEIPT OR SIGN.	ATURE CONFIRMA	TION				
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice	the tract to conduct any plat survey in forty-five days prior to such en act that has filed a declaration purals underlying such tract in the control Manual and the statutes are the statement shall include contact ace owner to obtain copies from the	s required pursuant to this art try to: (1) The surface owner rsuant to section thirty-six, art ounty tax records. The notice and rules related to oil and gas information, including the ad	cle. Such notice shal of such tract, (2) to a icle six, chapter twen shall include a staten exploration and prod	ny owner or lessee of coal seams ty-two of this code; and (3) any nent that copies of the state Erosion action may be obtained from the				
SURFACE	- -	■ COAL	OWNER OR LESSI	TP				
	• • •							
Name: Joseph L. \ Address: 230 Cui			Name: Blaze Minerals, LLC Address: 520 Folly Road, Suite P285					
Moundsville, WV 260			Charleston, SC 29412					
Name: Michael D.								
Address: 2001 4t		■ MINE	RAL OWNER(s)					
Moundsville, WV 2604			nbia Gas Transmission, LLC					
Name: Susan and			51 San Felipe, Suite 2500					
Address: 310 3rd			Houston, TX 77005					
Glen Dale, WV 26038			*please attach additional forms if necessary					
a plat survey on State: County: District: L	by given: st Virginia Code § 22-6A-10(a), r the tract of land as follows: West Virginia Marshall Liberty		de & Longitude: 39. ccess: Am	erator is planning entry to conduct 732795, -80.583668 los Hollow Road st ¥irginia Fork Fish Creek				
may be obtained Charleston, WV obtained from the Notice is here	d from the Secretary, at the WV I 7 25304 (304-926-0450). Copies he Secretary by visiting <u>www.dep</u>	Department of Environmental of such documents or addition wv.gov/oil-and-gas/pages/de	Protection headquart nal information relat					
Telephone:	304-884-1610		Morgantown, WV 26508					
Email:	brittany_woody@swn.com	Facsimile:						
Oll and Can T	Drivour Matian							

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 way gov.

4705102461

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	1 FURTY-FIVE (45) days prior to
Date of Notice: 5/8/27 Date of Planned	1 Entry:5/35/37	
Delivery method pursuant to West Virginia Code	§ 22-6A-10a	
☐ PERSONAL ■ REGISTERED	METHOD OF DELIVERY THAT RE	QUIRES A
SERVICE MAIL	RECEIPT OR SIGNATURE CONFIR	4 2
Pursuant to West Virginia Code § 22-6A-10(a), Prior on to the surface tract to conduct any plat surveys request no more than forty-five days prior to such entry to beneath such tract that has filed a declaration pursuan owner of minerals underlying such tract in the county and Sediment Control Manual and the statutes and rule Secretary, which statement shall include contact informable the surface owner to obtain copies from the segment is beauty and the segment of the segment of the segment is beauty and the segment of the se	uired pursuant to this article. Such notice so (1) The surface owner of such tract; (2) at to section thirty-six, article six, chapter to tax records. The notice shall include a states related to oil and gas exploration and primation, including the address for a web paragraph.	shall be provided at least seven days to any owner or lessee of coal seams wenty two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the
Notice is hereby provided to:	<u> </u>	
■ SURFACE OWNER(s)	COAL OWNER OR LE	
Name: Phillip D. High	Name: Consol Energy Attn: Casey Sa	
Address: 37 Aaronwoods Court	Address: 275 Technology Drive, Su	ite 101
Wheeling, WV 26003	Canonsburg, PA 15317-9565	
Name:	A CONTROL ON A CON	
Address:	■ MINERAL OWNER(s)	The state of the s
N F 2 2 2 2 2	Name: Karen Sue Franklin Marshall	
Name:	Address: 1722 Rock Road	
Address:	Chambersburg, PA 17202 *please attach additional forms if ne	ressarv
	picase attach accitional forms in no	,
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice a plat survey on the tract of land as follows: State: West Virginia County: Marshall District: Liberty Quadrangle: Lilttleton	e is hereby given that the undersigned well Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name:	operator is planning entry to conduct 39.732795, -80.583668 Amos Hollow Road West Virginia Fork Fish Creek Yocum
Copies of the state Erosion and Sediment Control Ma may be obtained from the Secretary, at the WV Deparcharleston, WV 25304 (304-926-0450). Copies of s obtained from the Secretary by visiting		

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.

WW-6A3 (1/12)

4705102461

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

	equirement:	Notice shall be provid	ded at least SEVEN (7) da	lys but no more that	n FURTY-FIVE (45) days prior to
entry Date of Notice:	5/18/2022	Date of Plani	ned Entry: <u>5/25/2022</u>	100 miles	a consequence of the consequence	And the second s
Delivery metho	d pursuant t	o West Virginia Co	de § 22-6A-10a	TO THE REAL PROPERTY OF THE PR		Topic Aller
☐ PERSONA	AL I	REGISTERED	☐ METHOD OF DE	IVERY THAT RE	QUIRES A	1 to
SERVICE		MAIL	RECEIPT OR SIG	N .	2	
on to the surface but no more that beneath such tra owner of minera and Sediment C Secretary, which	e tract to cond in forty-five do not that has file als underlying ontrol Manua in statement sh	luct any plat surveys ays prior to such entred a declaration pursus such tract in the could and the statutes and	ior to filing a permit appli required pursuant to this a y to: (1) The surface owner uant to section thirty-six, a nty tax records. The notice rules related to oil and gan aformation, including the a secretary.	rticle. Such notice s r of such tract; (2) the rticle six, chapter to e shall include a state s exploration and pro-	shall be provided at le to any owner or lesse wenty two of this coo atement that copies of roduction may be obt	east seven days e of coal seams le; and (3) any f the state Erosion ained from the
Notice is hereby	y provided to):		ANTINCIPAL PROPERTY.		a company of the comp
☐ SURFACE	OWNER(s)		☐ COA	L OWNER OR LE	SSEE	
			Name:			2000 mm
Address:						App of meeting
			***************************************		· · · · · · · · · · · · · · · · · · ·	AND A MANAGERY
			■ MIN	ERAL OWNER(s)		The state of the s
			Name: The	omas Elwood Franklin		77
Name:		<u></u>		43 Ridgeway Drive		amena cirina i
Address:			Mechanicburg	, PA 17050 h additional forms if no	PARGATY	Constant of the Constant of th
			picase attac	an additional forms in no	bossary	
Notice is here	hy given:				1	*
Pursuant to Wes	st Virginia Co	de § 22-6A-10(a), no	tice is hereby given that the	e undersigned well	operator is planning	entry to conduct
a plat survey on			• •			
State: W	Vest Virginia		Approx. Lati	ude & Longitude:	39.732795, -80.583668	1
County:	larshail		Public Road	Access:	Amos Hollow Road	
	iberty		Watershed:		West Virginia Fork Fish Cre	ek
Quadrangle: U	littleton		Generally use	d farm name:	Yocum	
may be obtained Charleston, WV	I from the Sec 25304 (304-	cretary, at the WV Dec. 926-0450). Copies of	Manual and the statutes are partment of Environment of such documents or additional gov/oil-and-gas/pages/	al Protection headque tonal information re	uarters, located at 60	57 th Street, SE,
Batanažana žau Rainous	No Income No			170 PP 17		Control of the Contro
Notice is here			معرضة المراجعة	1000 5-1-5	Duite 004	4
Well Operator:		ION COMPANY, LLC	Address:	1300 Fort Pierpont Dr.,		
Telephone:	304-884-1610		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Morgantown, WV 26508	·	17
Email:	brittany_woody@	swn.com	Facsimile:		:	1
Oil and Gas P	rivacy Noti	ce.		TAYONATION		1000

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

WW-6A3 (1/12)

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

Notice Ti	ime Requiren	nent: Notice shall be prov	ided at least SEVEN (7) da	ys but no more than	FORTY-FIVE (45)	lays prior to
entry Date of N	Notice: <u>5/18/202</u> 2	2 Date of Plan	ned Entry: 5/25/2022			
Delivery	method purs	uant to West Virginia Co	ode § 22-6A-10a	Elemente occupio de la companya de l		
☐ PER	SONAL	■ REGISTERED	☐ METHOD OF DEL			
	VICE	MAIL	RECEIPT OR SIGN	Î		The state of the s
on to the but no mo beneath s owner of and Sedin Secretary	surface tract to ore than forty- uch tract that minerals unde nent Control N which staten	o conduct any plat surveys five days prior to such ent has filed a declaration pur crlying such tract in the co	Prior to filing a permit applies required pursuant to this are to: (1) The surface owners to section thirty-six, a unty tax records. The notice drules related to oil and gainformation, including the are secretary.	rocie. Such nonce's f of such tract; (2) to tricle six, chapter to e shall include a sta exploration and no	o any owner or lessee wenty-two of this code tement that copies of toolugation may be obtained.	of coal seams; and (3) any he state Erosion and from the
Notice is	hereby provi	ided to:		X-12-12-12-12-12-12-12-12-12-12-12-12-12-	- 14	
☐ SUR	FACE OWN	ER(s)		L OWNER OR LES		and the second of the second o
Name:						
Address:	-		_ Address:			City Section (In Section)
Name: _				EDAL OWNER(a)		Action to the second se
Address:				ERAL OWNER(s)		
				ee Rivers Royalty II, LLC 9055 E. Mineral Cirvle, Sul	te 101	And the state of t
Addiess.			*please attac	h additional forms if neo	essary	To the state of th
Pursuant	vey on the tra West Virgir Marshall Liberty	nia Code § 22-6A-10(a), r ct of land as follows:	Public Road Watershed:	ude & Longitude:	operator is planning e 39.732795, -80.583668 Amos Hollow Road West Virginia Fork Fish Cree Yocum	
may be of Charlesto obtained	obtained from on, WV 2530 from the Secr s hereby giv	the Secretary, at the WV I 4 (304-926-0450). Copies retary by visiting <u>www.de</u> p	ol Manual and the statutes and Department of Environment of Sof such documents or additional years of the statutes and sof such documents or additional years of the statutes and such as the statutes and such as the statutes and such as the statutes are such as the such as the statutes are such a	al Protection headqi ional information r default aspx. 1300 Fort Pierpont Dr.,	elated to horizontal dr	Janua, DL,
Telephor	ne: 304-884	4-1610		Morgantown, WV 26508	3	
Email:	brittany	_woody@swn.com	Facsimile:			10 mm
Ail and	Gas Privac	v Natice				

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.

WW-6A4 (1/12)

STATE OF WEST VIRGINIA 47 0 5 1 0 2 4 6 1 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.

Delivery method pursuant to West Virginia Code § 22-6A-16(b) HAND BETURN 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 retureceipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose drilling a horizontal well: *Provided,** That notice given pursuant to subsection (a), section ten of this article satisfies the requirement of this subsection as of the date the notice was provided to the surface owner. *Provided,** however,** That the notice requirements of it subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number and if available, faesimile number and electronic mail address of the operator and the operator's authorized representative. Notice is hereby provided to the SURFACE OWNER(s): Name: Name: Name: Address: 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 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: County: Marshall UTM NAD 83 Northing: Justing Stores 7 Amos Hollow Rd. Quadrangle: Liberty Public Road Access: Amos Hollow Rd. Quadrangle: Liberty Puper 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 facesimile number and electronic mail address of the operator and the operator's authorized representative. Additional informatic related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarte ocated at 601	Notice Time Date of Noti	Requirement: Notice shall be provided at ce: 06/01/2022 Date Pern	east TEN (10) days prior to filing a nit Application Filed:	permit application.
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 retureceipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of this instection as of the date the notice given pursuant to subsection (a), section ten of this article satisfies the requirement of this subsection as of the date the notice was provided to the surface owner. Provided, however, That the notice requirements of its 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: Address: 37 Automocods Court Wheeling, WV 20003 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: County: Marshall Untry Public Road Access: Amos Hollow Rd. Undershed: Upper Ohio South Priss Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available acasimile number and electronic mail address of the operator and the operator's authorized representative. Additional informatic valuated to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarte ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.asp. Notice is hereby given by: Well Operator: Morgantown, WV 26508 Telephone: Justin, Booth@swn.com Address: Justin, Booth@swn.com	Delivery me	thod pursuant to West Virginia Code § 22	2-6A-16(b)	
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 retureceipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of this instection as of the date the notice given pursuant to subsection (a), section ten of this article satisfies the requirement of this subsection as of the date the notice was provided to the surface owner. Provided, however, That the notice requirements of its 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: Address: 37 Automocods Court Wheeling, WV 20003 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: County: Marshall Untry Public Road Access: Amos Hollow Rd. Undershed: Upper Ohio South Priss Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available acasimile number and electronic mail address of the operator and the operator's authorized representative. Additional informatic valuated to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarte ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.asp. Notice is hereby given by: Well Operator: Morgantown, WV 26508 Telephone: Justin, Booth@swn.com Address: Justin, Booth@swn.com	□ HAND	CERTIFIED MAIL		
receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose drilling a horizontal well: Provided, That notice given pursuant to subsection (a), section ten of this article satisfies the requirement of this subsection as of the date the notice was provided to the surface owner: Provided, however, That the notice requirements of its 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: Philip D. High Name: Address: Address: Address: Address: Address: Address: Address: Manewords Court Wheeling, WV 20003 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: 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: Notice is hereby given: Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address; Amos Hollow Rd. 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 informative leated to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarter ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/d			JESTED	
Name: Philip D. High Address: 37 Aaronwoods Court Wheeling, WV 26003 Notice is hereby given: Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows: West Virginia County: Marshall District: Liberty Public Road Access: Northing: 4,398,193.52 District: Liberty Public Road Access: Amos Hollow Rd. Quadrangle: Littleton, WV 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 facisimile number and electronic mail address of the operator and the operator's authorized representative. Additional informative ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.asp. Notice is hereby given by: Well Operator: SWN Production Company, LLC Address: 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 Telephone: 304-884-1675 Email: Justin_Booth@swn.com Name: Address: Justin_Booth@swn.com Name: Address: Justin_Booth@swn.com Name: Address: Justin_Booth@swn.com	receipt reque drilling a hor of this subsection mand if available	sted or hand delivery, give the surface owner izontal well: <i>Provided</i> , That notice given partion as of the date the notice was provided that any be waived in writing by the surface owners, facsimile number and electronic mail address.	er notice of its intent to enter upon the pursuant to subsection (a), section to the surface owner: <i>Provided, hower</i> . The notice, if required, shall includes of the operator and the operator	ne surface owner's land for the purpose of en of this article satisfies the requirements wever. That the notice requirements of this ude the name, address, telephone number,
Address: 37 Aaronwoods Court Wheeling, WV 28003 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 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 Code § 22-6A-16(b), this notice shall include: Public Road Access: Amos Hollow Rd. Quadrangle: Littleon, WV 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 facesimile number and electronic mail address of the operator and the operator's authorized representative. Additional informatice lated to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarter ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.asp. Notice is hereby given by: Well Operator: SWN Production Company, LLC Address: 1300 Fort Plerpont Drive, Suite 201 Morgantown, WV 26508 Felephone: 304-884-1675 Telephone: 304-884-1675 Justin Booth@swn.com Address: Justin Booth@swn.com		이 보면 가는 것을 가는 것이 되었다면 하는 이번에 가는 것이 되었다면 하는데		
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: 535,686.77 County: Marshall UTM NAD 83 Foothing: 4,398,193.52 District: Liberty Public Road Access: Amos Hollow Rd. Quadrangle: Littleton, WV 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 facisimile number and electronic mail address of the operator and the operator's authorized representative. Additional informative related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarter ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.asp. Notice is hereby given by: Well Operator: SWN Production Company, LLC Address: 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 Telephone: 304-884-1675 Telephone: 304-884-1675 Telephone: 304-884-1675 Justin Booth@swn.com		aronwoods Court	Address:	
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: 535,666.77 County: Marshall UTM NAD 83 Northing: 4,398,193.52 District: Liberty Public Road Access: Amos Hollow Rd. Quadrangle: Littleon, WV 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 acsimile number and electronic mail address of the operator and the operator's authorized representative. Additional informatic elated to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarter ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.asp. Notice is hereby given by: Well Operator: SwN Production Company, LLC Authorized Representative: Justin Booth Address: 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 Telephone: 304-884-1675 Telephone: 304-884-1675 Telephone: 304-884-1675 Justin_Booth@swn.com	Whee	ling, WV 26003		
Quadrangle: Littleton, WV 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 acsimile 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 headquarter ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.asp. Notice is hereby given by: Well Operator: SWN Production Company, LLC Address: 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 Telephone: 304-884-1675 Justin_Booth@swn.com Telephone: Justin_Booth@swn.com Telephone: Justin_Booth@swn.com	State: County:	West Virginia Marshall	UTM NAD 83 Easting: Northing:	535,666.77 4,398,193.52
Watershed: Upper Ohio South Phis Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available acsimile number and electronic mail address of the operator and the operator's authorized representative. Additional informative elated to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarter ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.asp. Notice is hereby given by: Well Operator: SWN Production Company, LLC Address: 1300 Fort Pierpont Drive, Suite 201 Address: 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 Telephone: 304-884-1675 Telephone: 304-884-1675 Justin_Booth@swn.com Telephone: Justin_Booth@swn.com				
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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 Morgantown, WV 26508 Telephone: 304-884-1675 Telephone: 304-884-1675 Email: Justin_Booth@swn.com Email: Justin_Booth@swn.com	Pursuant to 'facsimile nur related to hor	West Virginia Code § 22-6A-16(b), this number and electronic mail address of the op- rizontal drilling may be obtained from the	perator and the operator's authorize Secretary, at the WV Department o	ed representative. Additional information f Environmental Protection headquarters,
Address: 1300 Fort Pierpont Drive, Suite 201 Address: 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 Morgantown, WV 26508 Telephone: 304-884-1675 Telephone: 304-884-1675 Bmail: Justin_Booth@swn.com Email: Justin_Booth@swn.com			Authorized Representative:	Justin Booth
Felephone: 304-884-1675 Telephone: 304-884-1675 Brail: Justin_Booth@swn.com Email: Justin_Booth@swn.com				
Email: Justin_Booth@swn.com Email: Justin_Booth@swn.com		Morgantown, WV 26508		Morgantown, WV 26508
	Telephone:	304-884-1675	Telephone:	304-884-1675
facsimile: Facsimile:		Justin_Booth@swn.com		Justin_Booth@swn.com
	acsimile:		Facsimile:	

Oil and Gas Privacy Notice:

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WW-6A4 (1/12)

4705102461

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.

Date of Notice			ed at least TEN (10) days prior to liting a Permit Application Filed:	permit application.
Delivery metl	hod pursuant t	o West Virginia Cod	e § 22-6A-16(b)	
☐ HAND		CERTIFIED MAIL		
DELIVE		RETURN RECEIPT	REQUESTED	
receipt request drilling a horit of this subsect subsection ma and if availabl	ted or hand delizontal well: Prion as of the day be waived in e, facsimile nur	ivery, give the surface covided. That notice g the the notice was prov writing by the surface mber and electronic m	owner notice of its intent to enter upon the iven pursuant to subsection (a), section to vided to the surface owner: <i>Provided, how owner</i> . The notice, if required, shall include all address of the operator and the operator	an operator shall, by certified mail return ne surface owner's land for the purpose of on of this article satisfies the requirements ovever, That the notice requirements of this ude the name, address, telephone number, or's authorized representative.
Notice is ner Name: Susan	and Frank Stipetich	to the SURFACE	Name:	
Address: 310 3			Address:	
Glen D	Dale, WV 26083			
	est Virginia Co		tice is hereby given that the undersigned a horizontal well on the tract of land as fo	well operator has an intent to enter upon llows:
Pursuant to W the surface ow State: County:	est Virginia Co ner's land for t West Virginia Marshall		a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing:	Hows: 535,666.77 4,398,193.52
Pursuant to W the surface ow State: County: District:	est Virginia Co ner's land for t West Virginia Marshall Liberty		a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access:	Hows: 535,666.77 4,398,193.52 Amos Hollow Rd.
Pursuant to W the surface ow State: County: District: Quadrangle:	est Virginia Co ner's land for t West Virginia Marshall		a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing:	Hows: 535,666.77 4,398,193.52
Pursuant to W the surface ow State; County: District; Quadrangle: Watershed; This Notice; Pursuant to W facsimile num related to hori	est Virginia Comer's land for the West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include /est Virginia Comer and electron and electron contal drilling	the purpose of drilling Code § 22-6A-16(b), onic mail address of may be obtained from	a horizontal well on the tract of land as fo UTM NAD 83 Public Road Access: Generally used farm name: this notice shall include the name, addrathe operator and the operator's authorize	Blows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ess, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters,
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice: Pursuant to W facsimile num related to hori located at 601 Notice is her	est Virginia Comer's land for the West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include / est Virginia Comer's land electron and electron and electron south street, SE, weby given by	the purpose of drilling Code § 22-6A-16(b), onic mail address of may be obtained from Charleston, WV 253	a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: this notice shall include the name, address the operator and the operator's authorized the Secretary, at the WV Department of 04 (304-926-0450) or by visiting www.de	Amos Hollow Rd. Yocum MSH ess, telephone number, and if available, and representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice: Pursuant to W facsimile num related to hori located at 601 Notice is her Well Operator	est Virginia Comer's land for to West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include / est Virginia Comer and electron and	the purpose of drilling Code § 22-6A-16(b), onic mail address of may be obtained from Charleston, WV 253	a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: this notice shall include the name, address authorized the Secretary, at the WV Department of 04 (304-926-0450) or by visiting www.de	Blows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ess, telephone number, and if available, and representative. Additional information f Environmental Protection headquarters, ap.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice: Pursuant to W facsimile num related to hori located at 601 Notice is her	est Virginia Comer's land for to West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include / est Virginia Comer and electron and	the purpose of drilling Code § 22-6A-16(b), onic mail address of may be obtained from Charleston, WV 253 Company, LLC ont Drive, Suite 201	a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: this notice shall include the name, address the operator and the operator's authorized the Secretary, at the WV Department of 04 (304-926-0450) or by visiting www.de	Amos Hollow Rd. Yocum MSH ess, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Drive, Suite 201
Pursuant to W the surface ow State; County; District; Quadrangle; Watershed; This Notice; Pursuant to W facsimile num related to hori located at 601 Notice is her Well Operator Address;	est Virginia Comer's land for to West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include / est Virginia Comer and electron and	the purpose of drilling Code § 22-6A-16(b), onic mail address of may be obtained from Charleston, WV 253 Company, LLC ont Drive, Suite 201	a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: this notice shall include the name, address authorized the Secretary, at the WV Department of 04 (304-926-0450) or by visiting www.de Authorized Representative: Address:	Blows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ess, telephone number, and if available, and representative. Additional information f Environmental Protection headquarters, ap.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice: Pursuant to W facsimile num related to hori located at 601 Notice is her Well Operator	est Virginia Comer's land for to West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include / est Virginia Comer and electron and	the purpose of drilling Code § 22-6A-16(b), Onic mail address of may be obtained from Charleston, WV 253 Control Drive, Suite 201 / 26508	a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: this notice shall include the name, address authorized the Secretary, at the WV Department of 04 (304-926-0450) or by visiting www.de	Amos Hollow Rd. Yocum MSH ess, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Drive, Suite 201

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.

WW-6A4 (1/12)

4705102461

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 Date of Notic			at least TEN (10) days prior to filing a	permit application.
Delivery met	hod pursuant	to West Virginia Code §	22-6A-16(b)	
☐ HAND		CERTIFIED MAIL		
DELIVE		RETURN RECEIPT RE	EQUESTED	
receipt reques drilling a hori of this subsec subsection ma and if availab	ted or hand del zontal well: Pation as of the day be waived in le, facsimile nu	ivery, give the surface over vovided. That notice give ate the notice was provide writing by the surface over	vner notice of its intent to enter upon the pursuant to subsection (a), section to the ed to the surface owner: <i>Provided, how</i> when the notice, if required, shall includeress of the operator and the operator	an operator shall, by certified mail return the surface owner's land for the purpose of en of this article satisfies the requirements wever. That the notice requirements of this aude the name, address, telephone number, or's authorized representative.
	h L. Yocum	1 to the SORPACE O	Name:	
Address: 230 0	Curtis Avenue		Address:	
Mound	dsville, WV 26041			
State: County:	West Virginia Marshall	the purpose of drilling a h	orizontal well on the tract of land as for Easting: UTM NAD 83 Easting: Northing:	535,666.77 4,398,193.52
District:	Liberty		Public Road Access:	Amos Hollow Rd.
Quadrangle: Watershed:	Littleton, WV Upper Ohio South		Generally used farm name:	Yocum MSH
This Notice Pursuant to V facsimile nun related to hor	Shall Include Vest Virginia (ober and electro izontal drilling	Code § 22-6A-16(b), this conic mail address of the may be obtained from the	operator and the operator's authorized ne Secretary, at the WV Department of	ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
	reby given by		Authorized Representative:	Justin Booth
Address:		ont Drive, Suite 201	Address:	1300 Fort Pierpont Drive, Suite 201
	Morgantown, W	V 26508		Morgantown, WV 26508
Telephone:	304-884-1675		Telephone:	304-884-1675
Email:	Justin_Booth@	swn.com	Email:	Justin_Booth@swn.com
Facsimile:			Facsimile:	

Oil and Gas Privacy Notice:

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

WW-6A4 (1/12)

4705102461

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 Date of Noti		provided at least TEN (10) days prior to filling a Date Permit Application Filed:	
Delivery me	thod pursuant to West Virgin	nia Code § 22-6A-16(b)	
LI HAND	■ CERTIFIED I	MAIL	
DELIVI		CEIPT REQUESTED	
receipt reque drilling a hor of this subsec subsection m and if availab	sted or hand delivery, give the rizontal well: <i>Provided</i> , That retion as of the date the notice vay be waived in writing by the ole, facsimile number and elect	least ten days prior to filing a permit application surface owner notice of its intent to enter upon the notice given pursuant to subsection (a), section to was provided to the surface owner: Provided, however, and the operator and the operator and the operator.	the surface owner's land for the purpose of en of this article satisfies the requirements wever. That the notice requirements of this lude the name, address, telephone number,
	reby provided to the SUR		
i tetime.	ael D. Yocum	Name:	
Address: 200	dsville, WV 26041	Address:	
Pursuant to V		6(b), notice is hereby given that the undersigned	
Pursuant to V	Vest Virginia Code § 22-6A-10	6(b), notice is hereby given that the undersigned drilling a horizontal well on the tract of land as for the driving and the boundary of the driving and the d	
Pursuant to V the surface of State: County: District:	Vest Virginia Code § 22-6A-10 wner's land for the purpose of West Virginia	drilling a horizontal well on the tract of land as for the state of land as for the tract of land as for the state of lan	535,666.77
Pursuant to V the surface of State: County: District: Quadrangle:	Vest Virginia Code § 22-6A-10 wner's land for the purpose of West Virginia Marshall	drilling a horizontal well on the tract of land as for the land as for the tract of land as for the land as for the land	535,666.77 4,398,193.52
Pursuant to V the surface of State: County:	Vest Virginia Code § 22-6A-10 wner's land for the purpose of West Virginia Marshall Liberty	drilling a horizontal well on the tract of land as for the state of land as for the tract of land as for the state of lan	50Ilows: 535,666.77 4,398,193.52 Amos Hollow Rd.
Pursuant to V the surface of State: County: District: Quadrangle: Watershed: This Notice Pursuant to facsimile nur related to hor	Vest Virginia Code § 22-6A-10 wner's land for the purpose of West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include; West Virginia Code § 22-6A- mber and electronic mail addir rizontal drilling may be obtain	drilling a horizontal well on the tract of land as for the state of land as for the tract of land as for the state of lan	ollows: 595,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters,
Pursuant to V the surface of State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hoo located at 600 Notice is he	Vest Virginia Code § 22-6A-10 wner's land for the purpose of West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include; West Virginia Code § 22-6A- mber and electronic mail addir rizontal drilling may be obtain 1 57th Street, SE, Charleston, Wereby given by:	drilling a horizontal well on the tract of land as for the control of the control of land as for the c	ollows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to V the surface of State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hoo located at 600 Notice is he	Vest Virginia Code § 22-6A-10 wner's land for the purpose of West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include: West Virginia Code § 22-6A- mber and electronic mail addr rizontal drilling may be obtain 1 57th Street, SE, Charleston, W	drilling a horizontal well on the tract of land as for the control of the control	ollows: 595,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to V the surface of State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hor located at 601 Notice is he Well Operato	Vest Virginia Code § 22-6A-10 wher's land for the purpose of West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include: West Virginia Code § 22-6A- mber and electronic mail addr rizontal drilling may be obtain 1 57th Street, SE, Charleston, Westerby given by: ereby given by: ereby given by:	drilling a horizontal well on the tract of land as for the control of the control	ollows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to V the surface of State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hor located at 601 Notice is he Well Operato	Vest Virginia Code § 22-6A-10 wner's land for the purpose of West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include: West Virginia Code § 22-6A- mber and electronic mail addr rizontal drilling may be obtain 1 57th Street, SE, Charleston, W ereby given by: SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 20	drilling a horizontal well on the tract of land as for the control of the control	ollows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. : Justin Booth 1300 Fort Pierpont Drive, Suite 201
Pursuant to V the surface of State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hor located at 601 Notice is he Well Operato Address:	Vest Virginia Code § 22-6A-10 wner's land for the purpose of West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include; West Virginia Code § 22-6A- mber and electronic mail addirizontal drilling may be obtain 1 57th Street, SE, Charleston, Waterby given by: SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 20 Morgantown, WV 26508	drilling a horizontal well on the tract of land as for the control of the control	ollows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508

Oil and Gas Privacy Notice:

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WW-6A5 (1/12)

4705102461 STATE OF WEST VIRGINIA

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

Notice Time Date of Noti		ded no later than the filing date of per nit Application Filed:	mit application.
Delivery me	thod pursuant to West Virginia Co	de § 22-6A-16(c)	
■ CERT	IFIED MAIL	☐ HAND	
	RN RECEIPT REQUESTED	DELIVERY	
return receip the planned required to b drilling of a damages to ti (d) The notice	t requested or hand delivery, give the operation. The notice required by the provided by subsection (b), section horizontal well; and (3) A proposed he surface affected by oil and gas operes required by this section shall be given the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the section shall be given to the surface affected by the	surface owner whose land will be use this subsection shall include: (1) A content of this article to a surface owner we I surface use and compensation agrees the actions to the extent the damages are content to the surface owner at the address	oplication, an operator shall, by certified mail d for the drilling of a horizontal well notice of ppy of this code section; (2) The information those land will be used in conjunction with the ment containing an offer of compensation for ompensable under article six-b of this chapter. Is listed in the records of the sheriff at the time
Notice is her	reby provided to the SURFACE OV ss listed in the records of the sheriff a	WNER(s)	
tat the address			
	D. High	Name	
Name: Philip		Name:	
Name: Philip Address: 37 A Whee	eling, WV 26003 reby given:	Address:	
Name: Philip Address: 37 A Whee Notice is her Pursuant to V operation on State: County: District:	eling, WV 26003 reby given: Vest Virginia Code § 22-6A-16(c), no	Address: office is hereby given that the undersign cose of drilling a horizontal well on the UTM NAD 83 Northir Public Road Access:	; 535,666.77 g: 4,398,193.52 Amos Hollow Rd.
Name: Philip Address: 37 A Whee Notice is her Pursuant to V operation on State: County: District: Quadrangle:	reby given: Vest Virginia Code § 22-6A-16(c), not the surface owner's land for the purposet West Virginia Marshall Liberty Littleton, WV	Address: office is hereby given that the undersign cose of drilling a horizontal well on the UTM NAD 83 Northir	tract of land as follows: : 535,666.77 g: 4,398,193.52 Amos Hollow Rd.
Name: Philip Address: 37 A Whee Notice is her Pursuant to V operation on State: County: District: Quadrangle: Watershed: This Notice Pursuant to V to be provid horizontal we surface affec	reby given: Vest Virginia Code § 22-6A-16(c), not the surface owner's land for the purpower West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include: West Virginia Code § 22-6A-16(c), the ed by W. Va. Code § 22-6A-10(b) tell; and (3) A proposed surface use an ted by oil and gas operations to the related to horizontal drilling may be, located at 601 57 th Street, SE,	Address: Address: Diffice is hereby given that the undersign pose of drilling a horizontal well on the Easting Northin Public Road Access: Generally used farm name and the surface owner whose land will be a surface owner whose land will be compensation agreement containing extent the damages are compensable to obtained from the Secretary, at the	tract of land as follows: : 535,666.77 g: 4,398,193.52 Amos Hollow Rd.
Name: Philip Address: 37 A Whee Notice is her Pursuant to V operation on State: County: District: Quadrangle: Watershed: This Notice Pursuant to V to be provid horizontal we surface affec information of headquarters, gas/pages/de: Well Operate	reby given: Vest Virginia Code § 22-6A-16(c), not the surface owner's land for the purp West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include: West Virginia Code § 22-6A-16(c), the ed by W. Va. Code § 22-6A-10(b) the little of the purp West Virginia Code § 25-6A-10(c), the edity oil and gas operations to the related to horizontal drilling may be a located at 601 57th Street, SE, fault.aspx.	Address: Description of drilling a horizontal well on the season of drilling a horizontal well on the season of t	tract of land as follows: : 535,666.77 g: 4,398,193.52 Amos Hollow Rd. e: Yocum MSH his code section; (2) The information required be used in conjunction with the drilling of a g an offer of compensation for damages to the under article six-b of this chapter. Additional MV Department of Environmental Protection
Name: Philip Address: 37 A Whee Whee Whee Pursuant to V operation on State: County: District: Quadrangle: Watershed: This Notice Pursuant to V to be provide horizontal we surface affect information to headquarters.	reby given: Vest Virginia Code § 22-6A-16(c), not the surface owner's land for the purp West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include: West Virginia Code § 22-6A-16(c), the ed by W. Va. Code § 22-6A-10(b) the little of the purp West Virginia Code § 25-6A-10(c), the edity oil and gas operations to the related to horizontal drilling may be a located at 601 57th Street, SE, fault.aspx.	Address: Description of drilling a horizontal well on the season of drilling a horizontal well on the season of t	tract of land as follows: : 535,666.77 g: 4,398,193.52 Amos Hollow Rd. e: Yocum MSH his code section; (2) The information required be used in conjunction with the drilling of a g an offer of compensation for damages to the under article six-b of this chapter. Additional WV Department of Environmental Protection 50) or by visiting www.dep.wv.gov/oil-and-ont Drive, Suite 201

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WW-6A5 (1/12)

4705102461 STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Notice Time Date of Noti	Requirement: notic		no later than the filing Application Filed:	date of permit	application.
Delivery me	hod pursuant to W	est Virginia Code	§ 22-6A-16(c)	,	
■ CERTI	FIED MAIL		HAND		
	RN RECEIPT REQU	ESTED	DELIVERY		
return receipt the planned of required to be drilling of a damages to tl (d) The notice of notice.	requested or hand deperation. The notice provided by subsection well; and the surface affected by this section by this section provided to the	elivery, give the sur- te required by this tion (b), section ten (3) A proposed sur- oil and gas operati- ction shall be giver	rface owner whose land subsection shall inclu- of this article to a surf- rface use and compens- ions to the extent the da- n to the surface owner a	I will be used for de: (1) A copy ace owner whose sation agreement amages are comp	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the at containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
(at the addres Name: Susar Address: 310		of the sheriff at th	Name: Address	S:	
(at the addres Name: Susar Address: 310	and Frank Stipetich	of the sheriff at the	Name:	s:	
(at the addres Name: Susar Address: 310 Glen Notice is her Pursuant to V	and Frank Stipetich 3rd Street Dale, WV 26083 eby given: /est Virginia Code §	22-6A-16(c), notice	Name: Address e is hereby given that the of drilling a horizonta UTM NAD 8	ne undersigned of the transition of the transiti	well operator has developed a planned act of land as follows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH
(at the addres Name: Susar Address: 310 Glen Notice is her Pursuant to Voperation on State: County: District: Quadrangle: Watershed: This Notice Sursuant to Voto be provide horizontal we surface affectinformation in headquarters,	eby given: /est Virginia Code § the surface owner's West Virginia Marshall Liberty Littleton, WV Upper Ohio South Shall Include: /est Virginia Code § d by W. Va. Code ell; and (3) A propose field by oil and gas of elated to horizontal located at 601 57th	22-6A-16(c), notice land for the purpose 22-6A-16(c), this results 22-6A-10(b) to a set surface use and corrections to the extendilling may be ob	Name: Address e is hereby given that the of drilling a horizonta UTM NAD 8 Public Road A Generally use notice shall include: (1) a surface owner whose compensation agreement the damages are contained from the Secret	ne undersigned of leasting: 3 Easting: Northing: Access: 2d farm name: (A copy of this containing an ompensable undersigned) ary, at the WV	act of land as follows: 535,666.77 4,398,193.52 Amos Hollow Rd.
(at the address Name: Susar Address: 310 Glen Address: 310 Glen Notice is her Pursuant to Voperation on State: County: District: Quadrangle: Watershed: This Notice Surface affect information the adquarters, gas/pages/del	eby given: /est Virginia Code § the surface owner's //est Virginia Code § //est Virginia Cod	22-6A-16(c), notice and for the purpose \$22-6A-16(c), this response \$22-6A-10(b) to a set surface use and corrections to the extendilling may be observed, SE, Characteristics Characteristics and corrections to the extendilling may be observed.	Name: Address e is hereby given that the of drilling a horizonta UTM NAD 8 Public Road A Generally use notice shall include: (1) a surface owner whose compensation agreement the damages are contained from the Secret	ne undersigned of leasting: 3 Easting: Northing: Access: 2d farm name: (A copy of this containing an ompensable undersigned) ary, at the WV	act of land as follows: 535,686.77 4,398,193.52 Amos Hollow Rd. Yocum MSH code section; (2) The information required used in conjunction with the drilling of a noffer of compensation for damages to the ler article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-
(at the addres Name: Susar Address: 310 Glen Notice is her Pursuant to Voperation on State: County: District: Quadrangle: Watershed: This Notice! Pursuant to Voto be provide horizontal we surface affectinformation in	eby given: /est Virginia Code § the surface owner's //est Virginia Code § //est Virginia Cod	22-6A-16(c), notice and for the purpose \$22-6A-16(c), this response \$22-6A-10(b) to a set surface use and corrections to the extendilling may be observed, SE, Characteristics Characteristics and corrections to the extendilling may be observed.	Name: Address e is hereby given that the of drilling a horizonta UTM NAD 8 Public Road a Generally use notice shall include: (1) a surface owner whose compensation agreeme the damages are contained from the Secret arleston, WV 25304	ne undersigned of leasting: 3 Easting: Northing: Access: ed farm name: 0A copy of this eland will be understanded arm, at the WV (304-926-0450)	tot of land as follows: 535,666.77 4,398,193.52 Amos Hollow Rd. Yocum MSH code section; (2) The information required used in conjunction with the drilling of a noffer of compensation for damages to the ler article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-Drive, Suite 201

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.

WW-6A5 (1/12) Operator Well No. Young MSH 8H 4 7 0 5 1 0 2 4 6 1

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 A	Application	Filed:	ujaa	
Deliver	y metho	od pursuant to West Virginia Code §	22-6A-16((c)	1	
■ C	FRTIFI	ED MAIL	HAND			
		RECEIPT REQUESTED	DELIVE	ERY		
Pursuan return re the plan required drilling damage: (d) The of notice Notice i (at the a Name: _ Address	at to W. eceipt re nned ope I to be p of a ho s to the notices e. is hereb iddress I Michael 3; 2001 4tt Moundsvi	Va. Code § 22-6A-16(c), no later that equested or hand delivery, give the sureration. The notice required by this provided by subsection (b), section tentizontal well; and (3) A proposed sure surface affected by oil and gas operation required by this section shall be given by provided to the SURFACE OWNE isted in the records of the sheriff at the D. Yocum	an the date face owner subsection of this artic face use an ons to the exto the surface.	for filing to whose land shall included to a surfact the date owner and compensions of the date owner and compensions owner and the date of the date o	I will be used for de: (1) A copy ace owner whose sation agreement amages are com at the address list	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information see land will be used in conjunction with the at containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
Pursuan	t to Wes	y given: st Virginia Code § 22-6A-16(c), notice e surface owner's land for the purpose Vest Virginia	of drilling	a horizonta	l well on the tra	well operator has developed a planned ct of land as follows:
County:	-	Aarshall	— U1	TM NAD 8	Northing:	4,398,193.52
District:		iberty	Pu	blic Road		Amos Hollow Rd.
Quadrar	_	ittleton, WV		State of the state	ed farm name:	Yocum MSH
Watersh	_	pper Ohio South			Caralle and Caralle	
Pursuan to be pr horizont surface informat	t to Westrovided tal well; affected tion relations, lo	by W. Va. Code § 22-6A-10(b) to a and (3) A proposed surface use and c by oil and gas operations to the extented to horizontal drilling may be obtocated at 601 57th Street, SE, Characteristics.	surface ow ompensation ont the dame ained from	vner whose on agreement ages are conthe Secret	land will be unt containing an ompensable und ary, at the WV	code section; (2) The information required used in conjunction with the drilling of a offer of compensation for damages to the ler article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10">www.dep.wv.gov/oil-and-damages-number-10"
Well Op	nerator	SWN Production Company, LLC		Address:	1300 Fort Pierpont I	Driver States 201
Telepho		304-884-1675		rigui vaa.	Morgantown, WV 26	
Email:		Justin_Booth@swn.com		Facsimile:	304-884-1675	
-ar-2312251				a.georitists)		1100
Oil and	Cas Pr	ivacy Notice				

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.



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 8H 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,

Gary K. Clayton, P.E.

Regional Maintenance Engineer Central Office O&G Coordinator

Day K. Clayton

Cc: Brittany Woody Southwestern Energy

CH, OM, D-6

File

		Attachment VI Frac Additives 4 7 0 5	102
Product Name	Product Use	Chemical Name	EAS WILLIAM
I-303 (U.S. Well Services)	Mixture	Ethylene glycol	107-21 1 104-55 2
		Cinnamaldehyde 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
		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
		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
C6734A (Champion Technologies)	Biocide	Hydrogen Peroxide	7722-84-1
		Acetic Acid	64-19-7
		Peroxyacetic Acid	79-21-0
ono-CI200 (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
DJET DRP 1130X (SWN Well Services)	Friction Reducer	Proprietary	Proprietary
76 (Halliburton)	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8
		Inorganic Salt	Proprietary
PTRON T-390 (Champion Technologies)	Scale Inhibitor	Methanol	67-56-1
		Nonylphenol Ethoxylate	Proprietary
Al-150E (Halliburton)	Corrosion Inhibitor	No hazardous substance	N/A
L (SWN Well Services)	Hydrocholic Acid	Hydrochloric Acid	7647-01-0
		Water	7732-18-5
-65 MC (Halliburton)	Scale Inhibitor	Organic phosphonate	Proprietary
		Ammonium Chloride	12125-02-9
TI-FLEX (U.S. Well Services)	Viscosifying Agent	Distillates, petroleum, hydrotreated light	64742-47-8
xslick 930	Friction Reducer	Copolymer of 2-propenamide	Proprietary
		Hydrotreated Distillate	64742-47-8
		Sodium Chloride	7647-14-5
		Alcohols, C12-16, Exoxylated	68551-12-2
		Oleic Acid Diethanolamide	93-83-4
		Ammonium Chloride	12125-02-9
xslick 953	Friction Reducer	Petroleum Distillate	64742-47-8
		Sodium Chloride	7647-14-5
		Ammonium Chloride	12125-02-9
		N,N-bis (2-hydroxyethyl) oleamide	93-83-4
xslick 957	Friction Reducer	Petroleum Distillate	64742-47-8
		Ammonium Chloride	12125-02-9
		Oleic Acid Diethanolamide	93-83-4
		Alcohols, C12-16, Exoxylated	68551-12-2
		Water	7732-15-5
RA-2000 (U.S. Well Services)	Anionic Friction Reducer		64742-47-8
xaid 655 NM	Scale Inhibitor	Propenoic acid, polymer with propenamide	9003-06 9
xald 655 NIVI	no data available	Diethylenetriamine penta (methylene phosphonic acid)	15827-30-8
ASIION SEE	no data avallable	Copolymer of 2-propenaminde	69418-26-4
		Distillates (petroleum), hydotreated light Ammonium chloride ((NH4)CI)	64742-47-8
		Oleic Acid Diethnolamide	12125-02-9
cide PS50A	Biocidal product	Tetrakis (hydroxymethyl) phosphonium sulphate	93-83-4 55566-30-8
	product	Acrylic acid terpolymer containing carboxylate phosphonate and sulfonate	33300-30-8
		groups	397256-50-7
-2950	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8
		Ethoxylated alcohol	Proprietary
		Poly (oxy-1.2-ethanediyl) alphatridecylomegahydroxy-, branched	69011-36-5
gend LD-7750W	Scale Control	Methanol	67-56-1
gend LD-7750W	Scale Control	Methanol Phosphonic Acid Salt	67-56-1 Proprietary

MARSHALL COUNTY, WV HIGHWAY MAP PROJECT LOCATION LOCATION



HIGHWAY MAP SCALE

ONE CALL UTILITY SYSTEM CONTACT INFO

CONTRACTOR SHALL NOTHEY THE ONE-CALL SYSTEM OF THE INTENDED EXCAVATION OR DEMOLITION NOT LESS THAN FORTY-ERRIT (AS HOURS, EXCLUDING SATURDAYS, SUSDAYS AND LEGAL FEDERAL OR STATE HOLIDAYS, NOR MORE THAN TEN (18) WORK DAYS PRIOR TO THE BEGINNING OF SUCH WORK

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP INC. PEPRODUCTION OF THESE DOCUMENTS IN MINOSE OR IN PART, FOR ANY BEASON WITHOUT PROPERTY REPORTED. DOWNINGST # 2019 THE THRASHER GROUP, INC.

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

TOPHOLE COORDINATES

Well Number	V/V83-N Latitude	WV83-N Longitude	UTM 83-17 Northing	UTM 83-17 Earling
205H	N 39,732964*	W 80,583491*	14429769.221 [t	1757513-64070
5H	N 39.732946*	W 80.583518*	14429752,709 ft	1757506.049 (1
3н	N 39.732929*	W 80.583545*	14429756 199 ft	1757498.450 ft
1H	N 39.732911*	W 80.583572*	14429749.720 ft	1757490.871 fr
SLOT 5	N 39.732893°	W 80.563600"	14429743.188 ft	1757483 283 ft
SLOT 6	N 39.732875*	W 80 583627*	14429735.678 h	1757475.694 h
SLOT 7	N 39.732857*	W 80.583654*	14429730.173 ft	1757458.105 ft
SLOT 8	N 39.732840*	W 80.583681*	14429723.667 ft	1757460.516 ft
SLOT 9	N 39.732822*	W 80.583708*	14429717,157 ft	1757452.928 ft
SLOT 10	N 39.732804"	W 80.583735*	14429710.651 ft	1757445.339 to
SLOT 11	N 39.732786*	W 80.583762*	14429704.145 ft.	1757437,750 (
5LOT 12	N 39.732769*	W-80.583789*	14429697.636 ft	1757430.1611
SLOT 13	N 39.732751*	W-80.583816*	14429691.130 ft	1757422.572 [
SLOT 14	N 39.732733*	W 80.583843*	14429684.620 ft	1757414.983 P
SLOT 15	N 39.732715*	W 80.583871*	14479578 115 ft	1757407,394 h
SLOT 16	N 39.732697*	W 80.583898*	14429671.609 ft	1757399.805 ft
SLOT 17	N 39.732748*	W 80.583953*	14429689.823 ft	1757384.188 ft
SLOT 18	N 39.732765*	W 80.583926*	14429696.329 ft	1757391.776 h
SLOT 19	N 39.732783*	W 90.583899*	14429702,835 ft	1757399.365 ft
SLOT 20	N 39,732801"	W 80.583872*	14429709,344 ft	1757406.954 (t
SLOT 21	N 39.732819*	W 80.583845*	14429715.850 ft	1757414.543 H
SLOT 22	N 39,732837*	W 80.583817*	14429722,356 ft	1757422.132 (1
SLOT 23	N 39.732854"	W 80.583790*	14429728.866 ft	1757429.721 h
SLOT 24	N 39.732872*	W 80.583763*	14429735 371 ft	1757437.310 ft
SLOT 25	N 39.732890*	W 80.583736*	14429741.877 ft	1757444.898 ft
SLOT 26	N 39.732908°	W 80.583709*	14429748 387 ft	1757452.487 ft
SLOT 27	N 39,732925*	W 80.583682*	14479754.893 fr	1757460.076 h
SLOT 28	N 39.732943*	W 80.583655*	14429761.399 ft	1757467,665 ft
SLOT 29	N 39.732961*	W 80.583628*	14429767.908 ft	1757475.254 ft
SLOT 30	N 39.732979*	W 80.583601*	14429774.414 ft	1757482.845 ft
SLOT 31	N 39.732997*	W 80.583574"	14429780.920 ft	1757490.434 ft
5(DT 32	N 39.733014"	W 80.583546*	14429787.430 ft	1757498.023 ft

DISTURBANCE SUMMARY

Property Owner (Tax Map / Parcel)	Access Road Disturbance	Well Pad Disturbance	Total Disturbance
Yocum Joseph Let & Michael D (25-7-26-9)	2.94	16,97	19/32
Yocum Joseph Lee & Michael D (25-7-27-4)	7.66	00.0	7,66
Yocum Joseph Lee & Michael D (25-7-27-5)	0.25	000	0.25
(25-7-27-8)	0.11	0.00	0.11
Total Disturbance	10.96	15.97	27.93

CITE COOPDINATES

Coordinate Label	Well Pad Center	Access Road Beginning	AST Center
WV83-N Latitude	N 39.732854"	N 39.729937	N 39,733899°
WV83-N Longitude	W 80 583723*	W.80.584873*	W 80 585619"
WVE3-N Northing	450681.231 ft	449822,466 B	451268.087 ft
WV83-N Earting	1663725.923 ft	1663403 585 ft	1663199.057 ft
UTM 83-17 Northing	14429728.998 ft	18428665,345 ft	14430106.875 ft
UTM 83-17 Easting	1757448.670 ft	1757144 214 ft	1756915.538 ft
IJTM 63-17 Northing	4398190 195 m	4197865.993 m	4358305.372 m
UTM 83-17 Easting	535671.411 m	535578.628 m	535508.927 m

WELLS

WELL NAME	API NUMBER	DIAMETER	DEPTH	CELLAR MATERIAL
PERMITTED YOCUM MISH SH	051-02024	10	10'	CELLAR TECH
PERMITTED YOCUM MISH 3H	051-02124	10	10,	CELLAR TECH
PERMITTED TOOURN MSG 205H	051-02125	10	10	CELLAR TECH
PERMITTED YOCUM MISH 2H	051-02133	10	10	CELLAR TECH

DRIVING DIRECTIONS FROM CAMERON, WV

FROM DOWNTOWN CAMERON 3-WAY STOP

1. HEAD SOUTH ON WILEY (361-FT)

2. TIRN LEFT ONTO US-259 5 / MAPLE AVE (5.4-m)

7. TIRN RIGHT ONTO AMOS HOLLOW RD (2.0-mi)

4. DESTINATION WILL BE ON THE RIGHT,

PURET BUNEV

_	SHEET INDEX	
SHEET	DESCRIPTION	
1	TITLE SHEET	7
2-3	EVACUATION PLAN & PREVAILING WIND	
4	AS-BUILT OVERALL SITE PLAN	
5-8	AS-BUILT ACCESS ROAD PLAN & PROFILE	
9	AS-BUILT WELL PAD PLAN	
10	AS-BUILT WELL PAD SECTIONS	
R1	SLIP REPAIR OVERALL	
R2	SLIP REPAIR SITE PLAN	
R3	AST PLAN	
R4	AST PAD SECTIONS	
R5-R14	ACCESS ROAD SECTIONS	
R15	AST AR PROFILE	
DUTY	DETAILS	

DI-DA DETAILS
D7-D8 GENERAL NOTES

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.





APPROVED FOR CONSTRUCTION DATE: 8/6/18

REVISION NUMBER	SHEETS	ВУ	DATE	DESCRIPTION
- 1	1.4.8.R1-R8 & D1-D7	JCA & JRP	09/19/19	ADDED SUP REPAIR PLANS & DETAILS
2	R1-R3, R15 &	ADL	09/25/19	REVISED PER DEP COMMENTS



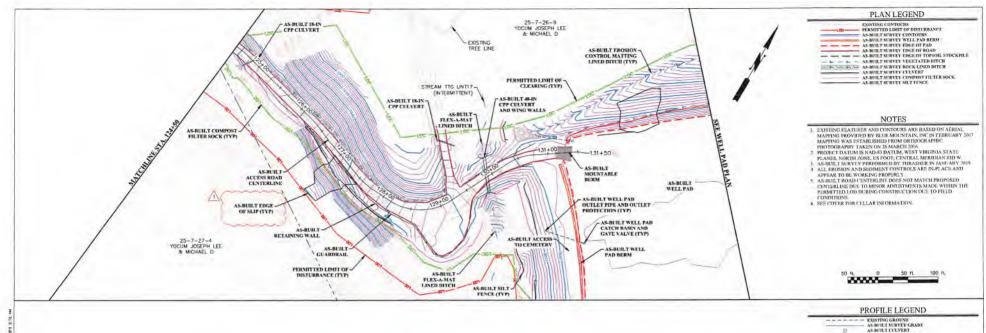






OPERATOR SWN PRODUCTION COMPANY, LLC 179 Innovation Drive Jane Lew, WV 26378 (304) 884-1610







APPROVED MODIFICATION WVDEP OOG 10/7/2019



CAD FLE: 6: \030-3

Production Company

BY: RIM DATE: 02/19/2018

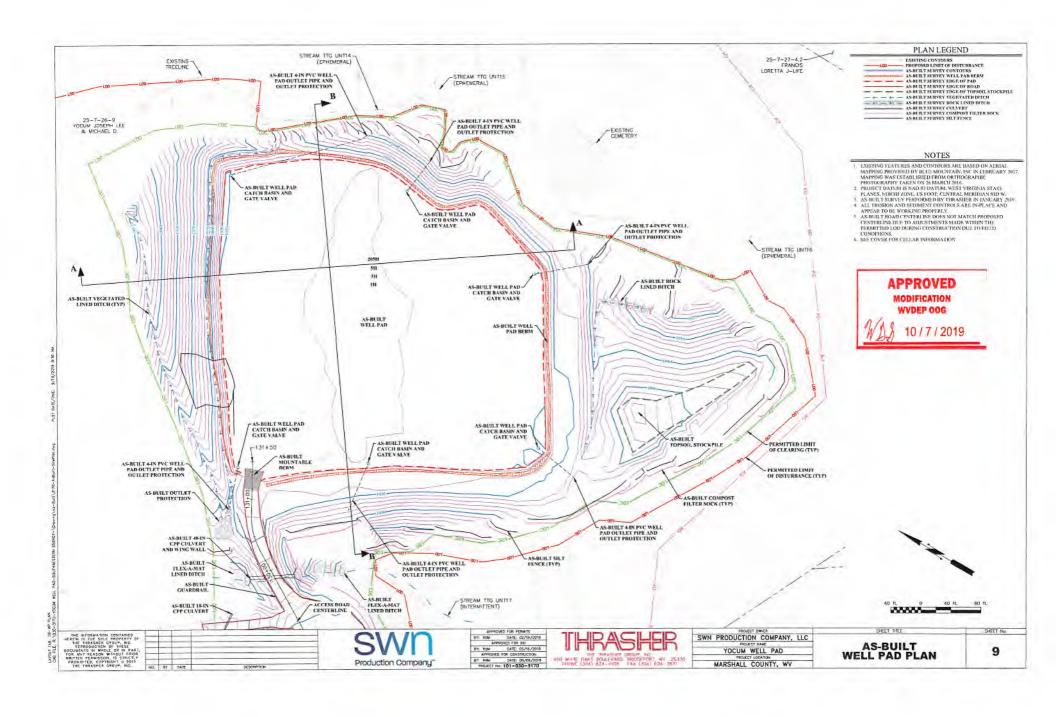
APPROVED FOR CONSTRUCTION 80: FISH DATE: 08/08/2018 PROJECT No.: 101-030-3170

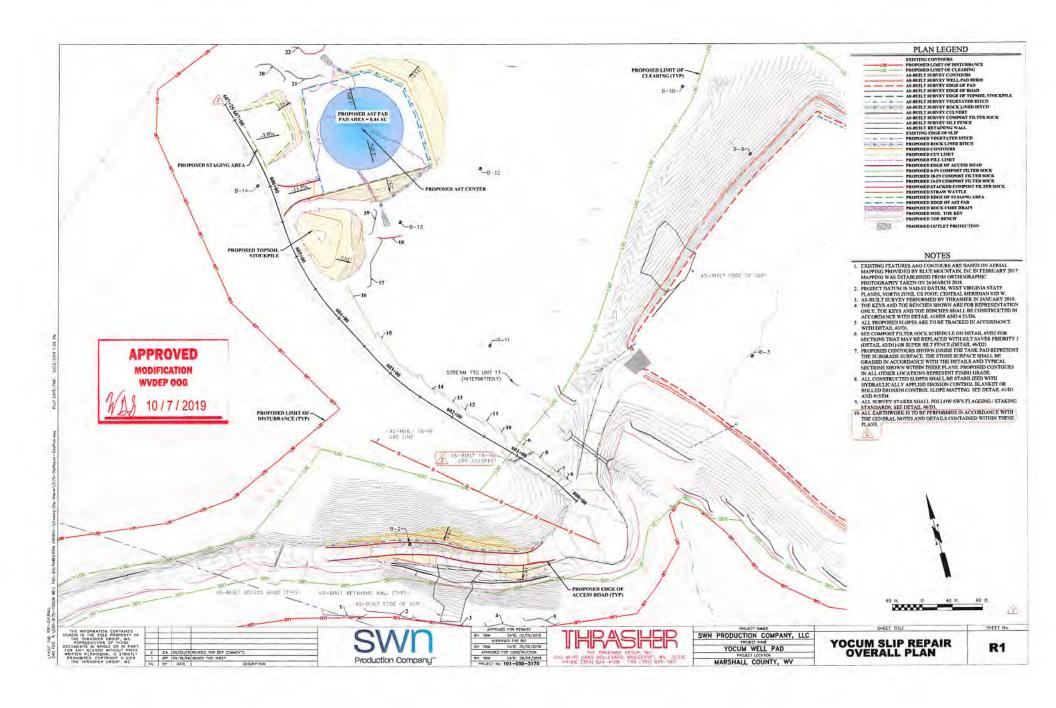


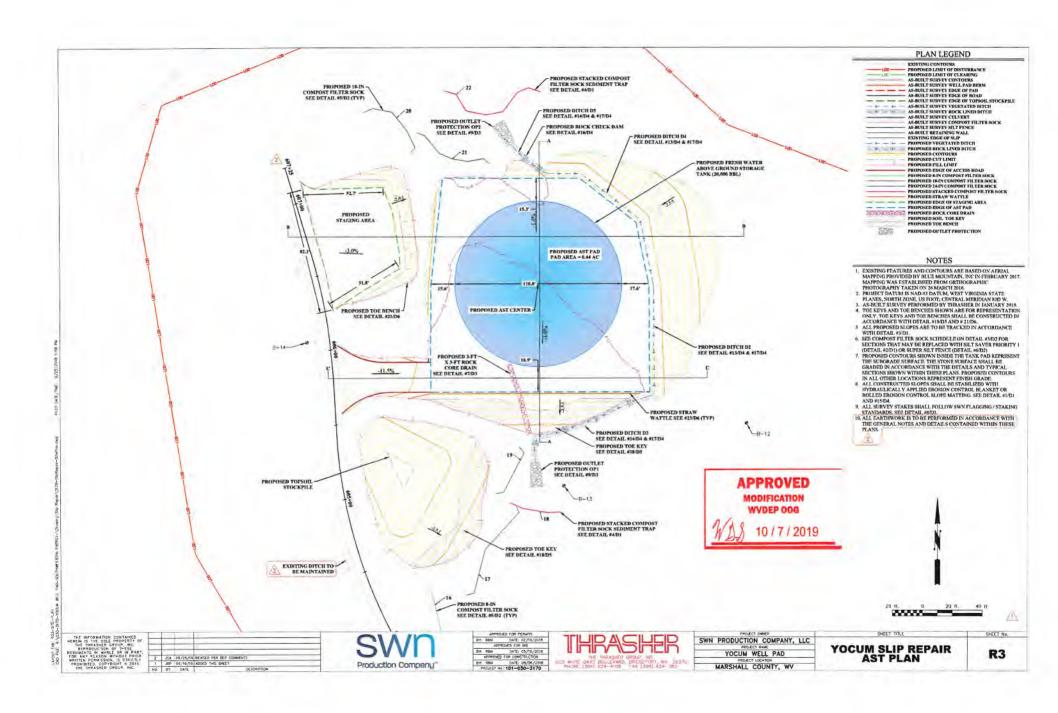
SWN PRODUCTION COMPANY, LLC YOCUM WELL PAD MARSHALL COUNTY, WV

AS-BUILT ACCESS ROAD PLAN AND PROFILE

SHEET No. 8







PROJECT LOCATION LOCATION



ONE CALL UTILITY SYSTEM CONTACT INFO

WEST VIRGINIA 31

COSTRACTOR SHALL NOTIFY THE ONE-CALL SYSTEM OF THE INTESTICES EXCAVATION ON REMOLETION NOT LESS THAN PRINTMENT (4) HOUSEN'S EXCLUDING SATING AS, EUNDAYS AND LEGAL FEDERAL OR STATE HOUSEN'S THAN MORE THAN TOOL WORK. ON A WORK TO THE RESIDENCING OF SUCK WORK.

THE INFORMATION CONTAINED WHEN IS NOT SELECTIVELY OF THE THRESPIRE EDGER, S.C. REPRESENTED OF THESE EXECUTIVES OF THE DESTRUCTION OF THE SELECTIVE SELECTIVE OF THE SELECTIVE SE

AS-BUILT PLANS FOR YOCUM WELL PAD AND ACCESS ROAD

RECEIVED Office of Oil and Gas

JUL 2 0 2022

WV Department of Environmental Protection

LIBERTY DISTRICT, MARSHALL COUNTY, WV **FEBRUARY 2019**

	TOPH	OLE COOR	DINATES		-	DISTURBAN	ICE SUMM	ARY	_
Vita 6 Martine	W/VEX-47 Laffrade	WV83-N Longitude	UTM 83-17 Herting	SYTM 68-13 Building		rectly Divinist Was / Farcisis	America Road Deturbance	Well Fad Determine	Total Department
2039	N.39.732964*	W P3.583491*	14425760.2215:	1757513.640 ft	Vocum Ama	el lee & Mehatt D	201	1687	19.91
SH	1139.752948	1 W 90.56(538"	14429762.700 ft	1757805.849 N		5.7-16-11	2.04	1007	14.91
311	H 39.732929*	W 80.563543*	14429756.19946	1757458.460 ft	Veneralisa	O See S. Marie D	715	0.50	7.65
24	M 39.732913"	W 80.583572"	1-6429749.770 ft.	1757450.871 ft	1	5.7-27-41	con	0.23	2.40
2015	N 29.722231*	1 W MO. 3#36001	14423743.182 /1	1757443.288 ft	Wester Name	of tor & Michael D	0.25	0.00	
SLOT 6	N 89.752675	W 80.563627*	14129736.672 1	1757 475.584 ft		5-7-27-5)	9.24	0.00	0,21
SLOT 7	W 35.732857*	W 80.543656*	14429730,173 ft	1757468.105 Ft.		n Phaip 2	0.11	000	0.11
5.012	N 52.732640*	W 20.543685*	14419723,667 11	1757+60.516 fc		5-7-27-01			-
9.00.2	N 39.792627"	W #5 5#1708"	14439717.157 Ft.	1757452 528 ft.	Tetal	Deturbance	1992	1637	27.88
SLOT 10	N 39.7324OF	W 80,513735"	14429710.651 /1	1757445 550 ft 1					
SLOT 11	rt 39,753786°	W 80,543762"	34429704.145 ft	1757437.750 ft		SITE CO	ORDINATE	S	
SEDT 33	N 39.732760*	W 80.383789"	14/29097.E36 ft	1757430.161 ft					_
DLOT 13	N 39,732751"	W 80.581816"	10429681.130 ft	1757422,572 ft	Coordings Label	Wall Ful Center	3 Access Read	to givering	AST CES
SLC7 14	N 39.732733*	W 80.533313"	16429584.62011	1757414.581.41	WV82-II Lethude	62 89 7 K28 64"	N 39.72	737	N 32 722
U.CT 13	# 25.732715°	W 85 E83871"	14429578.115 ft	1757407.261.5	WYES-M LANSTHAG	W 86363722*	W 80.58		W 10.515
SCOTAS	F 39.732697*		34425673,62911	1757395.805 (1	WVES-N Nurslang	#10861.211 ft	4458724		431268.0
WOT 17	15 24.732745	W 80.583753*	14429GHR 823 ft	1757354.168 %	WIVES-N Employ	1483775.593 h	1663401		160,31001
SLOTIE	# 99.732765*	W 20,5829257	14129696 12976	1757391 776 ft	LTINES-17 Harthing	14429778.306 %	3.4430665		14430104
SLOT 19	fs \$9.733783*	Wr 8tt 52 33793*	14429707 \$25.64	1757 204 361 6	UTM 8 5-17 Casting	1757a18.620 ft	1757144	23471	17560115

Coordings Label	Wall Ful Center	I Access Aread Braining	AST CERROR
WV83-IT Latitude	62 89 7 822 5 4°	N 99.729937*	N 35-722555"
INVESTIGATION	W 10,363722*	W 80 514623*	W#0.585#13*
WVES-N Nursbrig	#10861.211 ft	445272.485 %	431268 042 h
WVSS-N Earthig	1883775.593 h	1663401985 ft	16031010571
LTIN 29-57 Harthing	14425778.335 %	1 14430693,341.0	184,70104,073 /
UTM \$5-17 Centing	1757att.620 m	17571442141	1756011 530 1:
THE ES-17 MERITARE	4108100.195 m	I 4397865,993 m	4366305 EV2 m
UTM CE-17 Fartieg	535871.411.00	\$15578.625 m	\$33508.327 m

WELLS					
WILL RANKS	AM HUNESEE	PANITE	DEFEN	CILLAR MATTER	
PERMANED POOCH MON SH	Q\$1-02024	15	10	HOTE BALIST	
PERSONEL POCUM LESS BY	661 402124	10	18	CELLARTEEN	
PERSONNED TOCKM MISB ANSW	031 02123	12.	10	CECLAR TECH	
PERSONALD FORCES MISH SHI	E51-01111	18"	70	CHILLETTON	

DRIVING DIRECTIONS FROM CAMERON, WV

FROM DOWNTOWS CAMERON 3-WAY STOP

1. READ SOUTH ON WILEY CHI-FT

2. TURN LEFT COTO IS-539 5' MAPLE AVE (\$4-03)

1. TURN REPORTO IS-539 5' MAPLE AVE (\$4-03)

4. DESTINATION WILL BE ON THE RIGHT.

SHEET INDEX				
SHEET	DESCRIPTION			
1	TILESHEET			
2-3	EVACUATION PLAN & PREVAILING WIND			
4	AS-BUILT OVERALL SITE PLAN			
5 - 6	AS-BUILT ACCESS ROAD PLAN & PROFILE			
9	AS-BUILT WELL PAD PLAN			
-10	AS-BUILT-WELL PAD SECTIONS			
RI	SLIP REPAIR OVERALL			
R2:	ELSP REPAIR SITE PLAN			
22	AST PLAN			
E4	ANT PAD SECTIONS			
R5.77 L4	ACCESS ROAD SECTIONS			
DI-DA	DETAILS			
4.4.40	- Distance			

I hereby certify that I am a licensed engineer in the state of West Virginia.
This An-Bull certifies, to the best of my knowledge, information and belief;
the Well Fad constructed by Plomb Dilling, & Exercition, in Marhall County,
W/ on behalf of SWN Production Company, LLC, has been constructed in
general cuspionnause to the plant and apperfectation and, in my professional
opinion, is in compliance with applicable those, crotes, and ordinances.



| 100718 | 0.12 | 127.002 | VERNANDERS | 0.438666.8245 | 0.77201.775.01 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00





REVISED SHEETS	BA	DATE	DESCRIPTION
ER1-RS A D1-D7	JOS & JAP	09/19/19	ADDED SUP REPAIR PLANS & DETAILS
	SHEETS BRI-RS A DI-O7	SHEETS	SHEETS





