

west virginia department of environmental protection

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

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

Friday, March 4, 2022 WELL WORK PERMIT Horizontal 6A / New Drill

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

Re: Permit approval for CHARLES JAMISON MSH 606H 47-051-02436-00-00

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.

Operator's Well Number: CHARLES JAMISON MSH 604 Farm Name: CHARLES AND JEAN JAMIS

U.S. WELL NUMBER: 47-051-02436-00-00

Horizontal 6A New Drill Date Issued: 3/4/2022

API Number:	
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PERMIT CONDITIONS

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

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.
- 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

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) OPERATOR WELL NO Charles Jamison MSH 60014
Well Pad Name: Charles Jamison MSH

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

		-5. A A		494512924	054 Marchal	7-Liberty	278-Cameron
1) Well Operat	or: SWN Pr	oduction Co	., LLC	Operator ID	County	District	Quadrangle
	17 H M	Charles Jam	ison MS		ad Name: Charle	es Jamiso	n MSH
2) Operator's \	Well Number:						
3) Farm Name	Surface Own	Charles &	Jean Ja	amison Public R	oad Access: Gra	pevirie rai	age Moad
4) Elevation, c	urrent ground	1335'	Е	levation, propose	d post-construction	on: 1335'	
5) Well Type		x	Oil _	Ur	derground Storag	ge	
	Other		300				
	(b)If Gas	Shallow	X	Deep			
		Horizontal	х		Gayne	Digitally signed by Gayne Knitowski Date: 2022.01.21	1
6) Existing Pa	d: Yes or No	Yes			Knitowski —	08:17:43 -05'00"	
7) Proposed T	arget Formati	on(s), Depth(s), Anti	cipated Thicknes	s and Expected P	ressure(s):	Associated Pressure- 4628'
				TVD- 7076, Target Das	2 1 V D- 7120 , Allec poiss	(188-8)-2-3	Associated Pressure- 4628'
8) Proposed T	otal Vertical	Depth: 7123	1				
9) Formation a			Marcellu	S			
10) Proposed	Total Measur	ed Depth: 2	0,181'	/			
11) Proposed	Horizontal Le	g Length: 1	1,404.5	51'			
12) Approxim			oths:	322'			
13) Method to				Salinity Calculations	from Charles Jamis	on MSH 206	H logs (API 47-051-02295)
14) Approxim				nity Profile			
15) Approxim							
16) Approxim	rate Depth to	Possible Void	l (coal n	nine, karst, other	None that we	are aware	e of.
17) Does Prop directly overly	posed well loo	eation contain	coal se	ams	No		
	rovide Mine		D.A. a.I		hall County Mine	9	Para de la companya della companya della companya della companya de la companya della companya d
(m) in real h	action manner	Depth:	100	0'			Office of Oil and Gas
		Seam:	D:44	sburgh			JAN 3 1 2022
		Owner	Mu	rray Energy Cor	poration		WV Department of Environmental Protection

47 05 1 0 2 4 3 6

OPERATOR WELL NO. Charles Jamison MSH 808H
Well Pad Name: Charles Jamison MSH .

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	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	48#	390'	390' /	426 sx/CTS
Coal	See	Interm	Casing				
Intermediate	9 5/8"	New	J-55	36#	0'	2600'	1548 sx/CTS
Intermediate	9 5/8"	New	J/K-55	40#	2600'	2840'	
Production	5 1/2"	New	P-110 HP	20#	0	20181' /	Tail 6261xx/ 1007 inside Intermediate
Production							

MgK 1/2/22

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

PACKERS

Kind:	
Sizes:	
Depths Set:	Office of Oil mill Gas
	JAN 3 1 2022

WV Departmental Protection

WW-6B (10/14) 4705102436

OPERATOR WELL NO. Charles Jamison MSH 606H

Well Pad Name: Charles Jamison MSH

19	Describe	proposed	well work.	including	the drilling	and plugging	z back of ar	ny pilot hole:
	,	Propose	· · · · · · · · · · · · · · · · · · ·				,	-7

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- 9000 lbs @ 100 barrels a minute.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 16.54
- 22) Area to be disturbed for well pad only, less access road (acres): 12.20
- 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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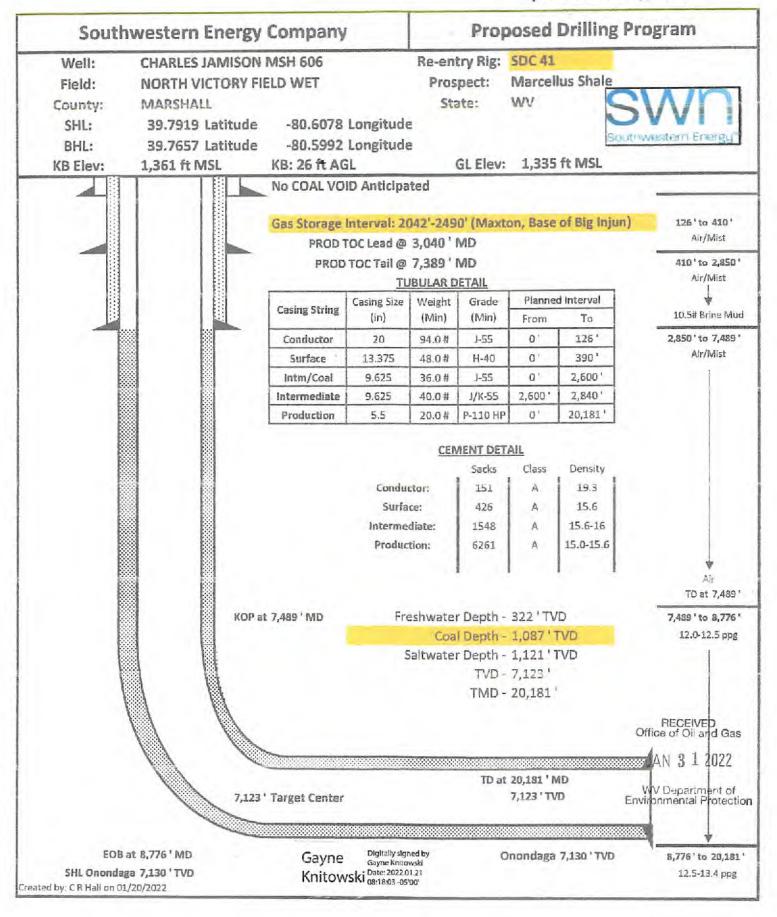
*Note: Attach additional sheets as needed.

			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%	5001	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%	5001	A-7P	CJ110	ACCELERATOR	CALCIUM CHLORIDE	10043-52-4
	D020	BENTONITE	CJ020	EXTENDER	BENTONITE	1302-78-9
	D047	FP 28L	><	LIQUID ANTIFOAM AGENT	POLYPROPYLENE GLYCOL	25322-69-4
INTERMEDIATE	><	INTEGRA SEAL	CJ600	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
		\sim	CJ111	ACCELERATOR	SODIUM CHLORIDE	7440-23-5
	><	SS-11W	CJ880	SURFACTANT	NONIONIC SURFACTANT	6540-99-4
4	D047	FP 28L	\times	LIQUID ANTIFOAM AGENT	POLYPROPYLENE GLYCOL	25322-69-4
	><	> <	CJX157011	SOLID ANTIFOAM AGENT	FULLERS EARTH(ATTAPULGITE)	8031-18-3
	> <		CJ540	HP FLUID LOSS ADDITIVE	ALIPHATIC AMIDE POLYMER	PROPRIETAR'
PRODUCTION	D255	\supset	X	MED TEMP FLUID LOSS ADDITIVE	POLYACRILIC POLYMER	PROPRIETAR
			CJ213	RETARDER	CHRYSTALLINE SILICA	14808-60-7
	>>	FL-66	CJ501	LOW TEMP FLUID LOSS ADD	POWDERED POLYSACCHARIDE	PROPRIETAR
		BENTONITE	CJ020	EXTENDER	BENTONITE	1302-78-9
	D208	ASA-301	\times	VISCOSIFIER/ANTI- SETTLING AGENT	REFINED POLYMER/ CHRYSTALLINE SILICA	PROPRIETAR'
	D198	R-3		CEMENT RETARDER	LIGNIN	8068-51-6
	SUGAR	SUGAR	CJ795	CEMENT RETARDER	SUCROSE	57-50-1

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API Number 47 - 051 102436

Operator's Well No. Charles Jamison MSH 606H

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) Maggoty Run Quadrangle Cameron
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes V
Will a pit be used? Yes No 🗸
If so, please describe anticipated pit waste:
Will a synthetic liner be used in the pit? Yes No V If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:
Land Application
Underground Injection (UIC Permit Number Various Approved Facilities)
Reuse (at API Number_At the next anticpiated well Off Site Disposal (Supply form WW-9 for disposal location)
Other (Explain recovery and solidification on site
Will closed loop system be used? If so, describe: Yes- See Attachment 3A
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Ardri to KOP, full dell with SCBM 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, removed 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 SWF- 1032, Short Creek SWF-1034, Carbon Limestone MSWL018781, Wetzel County 1021
Apex Sanitary Landtill Ub-U8438, Brooke Co SWF-1013,
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.
Company Official Signature SIHHIII Words Office of Oil and Ga
Company Official (Typed Name) Brittany Woody
Company Official Title Senior Regulatory Analyst JAN 3 1 2022
WV Department of Environmental Protect
Subscribed and sworn before me this 14th day of DECEMBER , 20 31
1A1-
My commission expires 3/1/2022 Notary Public Official S State of West Virginia

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.

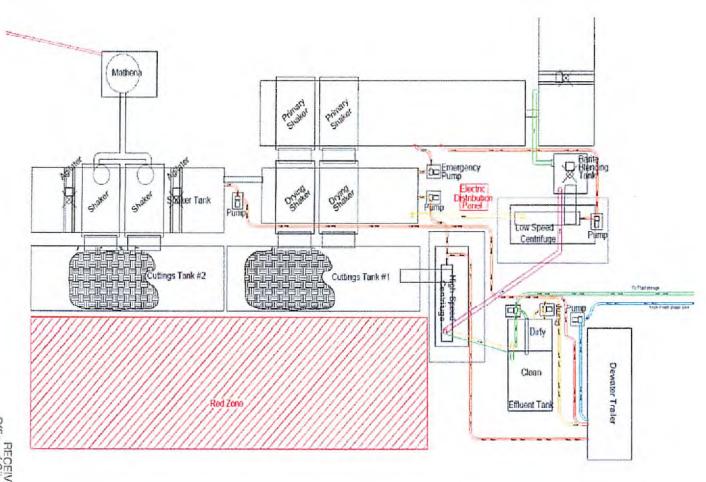
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Solids Control Layout





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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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Operator's Well No. Charles Jamison MSH 606H

Proposed Revegetation Treatment: Acres Disturbed	16.54	Prevegetation pl	1
Lime as determined by pH test min.2 Tons/acre or to cor	rect to pH 12.20		
Fertilizer type 10-20-20			
Fertilizer amount 600/500	lbs/acre		
Mulch Hay/Straw	Tons/acre		
	Seed Mixtures		
Temporary		Perma	nent
Seed Type Ibs/acre Attachment 3C		Seed Type	lbs/acre
Maps(s) of road, location, pit and proposed area for la rovided). If water from the pit will be land applied, i	and application (unless include dimensions (L.)	engineered plans includ	ding this info have been dimensions (L x W), and area i
Maps(s) of road, location, pit and proposed area for la rovided). If water from the pit will be land applied, i creage, of the land application area. Thotocopied section of involved 7.5' topographic sheet	et.	x W x D) of the pit, and	dimensions (L x W), and area i
Maps(s) of road, location, pit and proposed area for la provided). If water from the pit will be land applied, it is creage, of the land application area. Photocopied section of involved 7.5' topographic sheet land Approved by:	et.	engineered plans includ (W x D) of the pit, and	dimensions (L x W), and area i
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Attach: Maps(s) of road, location, pit and proposed area for la provided). If water from the pit will be land applied, increage, of the land application area. Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Comments:	et.	x W x D) of the pit, and	dimensions (L x W), and area i

Attachment 3C



WVD Seeding Specification



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

(please allow 7 to 10 days for delivery)

M	ON	-OB	GA	MI	DR	O	PERT	IPS
110	014				r n	U 1		IE3

Seed Mixture: ROW Mix	SWN 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 50lbs per acre of Winter Wheat				

SOIL AMENDMENTS

10-20-20 Fertilizer	*Apply @ E00lbs nov Asso
10-20-20 61 (11126)	*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.

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Seed Mixture: SWN Production Organic	SWN Supplied	
Organic Timothy	50%	7
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

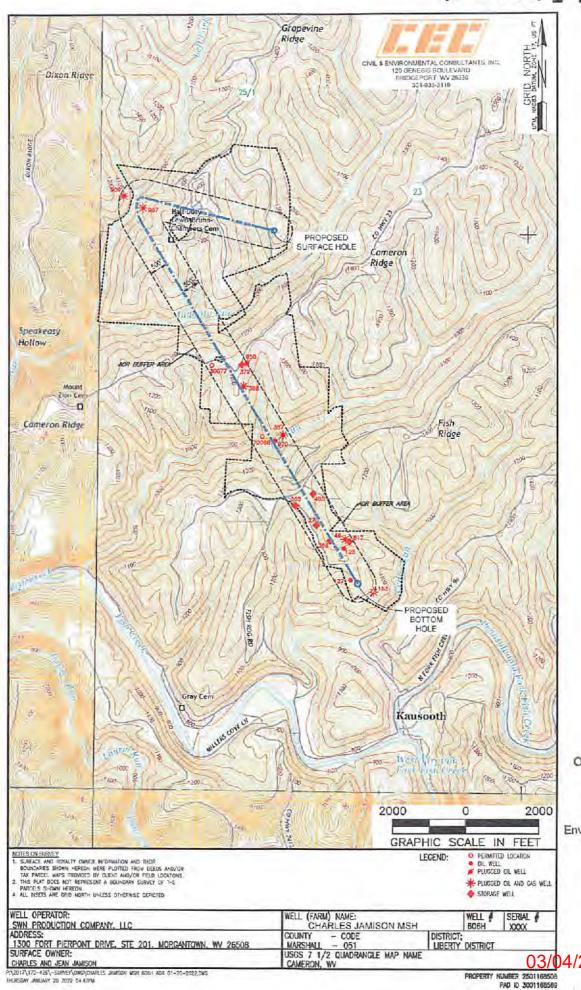
WETLANDS (delineated as jurisdictional wetlands)

Seed Mixture: Wetland Mix	SWN Supplied
VA Wild Ryegrass	20%
Annual Ryegrass	20%
Fowl Bluegrass	20%
Cosmos 'Sensation'	10%
Redtop	5%
Golden Tickseed	5%
Maryland Senna	5%
Showy Tickseed	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

Apply @ 50lbs per acre Oct. 15th- April 15th

NO FERTILIZER OR LIME INSIDE WETLAND LIMITS



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04/2022

Area of Review

API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
4705100411	Consolidation Coal Company	Plugged	39.78952	-80.60709	2290	Big Injun	Big Injun
4705100426	Consolidation Coal Company	Plugged	39.790731	-80.605316	2217	Big Injun	Big Injun
051-30178	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100378	Manufactures Light & Heat Company	Plugged	39.791166	-80.603436	unknown	Big Injun	Big Injun
051-70450	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70449	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100409	Consolidation Coal Company	Plugged	39.796581	-80.609453	2500	Big Injun	Big Injun
051-30282	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100872	South Penn Oil	Plugged	39.797161	-80.614153	3108	Hampshire Group	Gordon
051-30498	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100882	South Penn Oil	Plugged	39.797451	-80.616973	unknown	unknown	unknown
4705100986	Consolidation Coal Company	Plugged	39.798321	-80.617537	unknown	unknown	unknown
051-30265	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30159	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30264	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100907	Consolidation Coal Company	Plugged	39.793536	-80.620543	2889	Ber/LoHURN	Gordon
4705100909	unknown	Cancelled	39.794406	-80.622423	unknown	unknown	unknown
4705100937	Consolidation Coal Company	Plugged	39.793826	-80.62518	2851	Gordan	Gordon
051-30008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100959	Consolidation Coal Company	Plugged	39.790876	-80.629504	unknown	unknown	unknown
051-30146	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30413	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100949	Consolidation Coal Company	Plugged	39.782756	-80,606441	2338	Big Injun	Big Injun
4705100410	Manufactures Light & Heat Company	Reassign	39.782031	-80.606253	unknown	unknown	unknown
4705100950 🖍	Manufactures Light & Heat Company	Plugged	39.782031	-80,6102	unknown	unknown	unknown
4705100372	Manufactures Light & Heat Company	Reassign	39.780871	-80.60832	unknown	unknown	unknown
4705100388	Manufactures Light & Heat Company	Reassign	39.780146	-80.606252	unknown	unknown	unknown
051-30174	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100948	Consolidation Coal Company	Plugged	39.781161	-80.607944	2243	Big Injun	Big Injun
4705100947	Manufactures Light & Heat Company	Worked Over	39.780146	-80,606252	3081	Gordon	Gordon
475100373	Manufactures Light & Heat Company	Plugged	39.780436	-80.603997	unknown	Big Injun	Big Injun
051-70445	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100387	Manufactures Light & Heat Company	Plugged	39.776566	-80.606627	unknown	Big Injun	Big Injun
4705100970	Consolidation Coal Company	Cancelled	39.776231	-80.607379	unknown	unknown	unknown
051-70066	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100367	Manufactures Light & Heat Company	Completed	39.778551	-80.600802	1750	Big Injun	Big Injun
4705100361	Manufactures Light & Heat Company	Completed	39.776521	-80.605124	2210	Big Injun	Big Injun

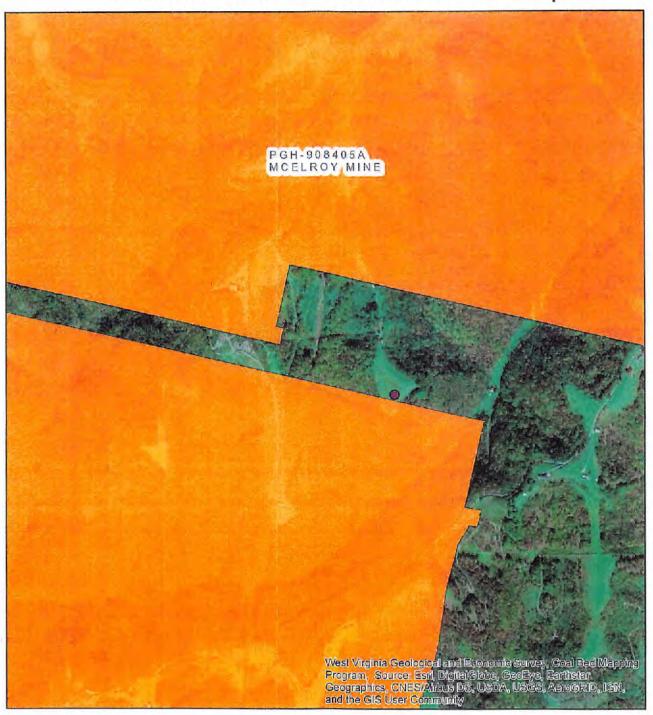
Area of Review

		2744	164	6.75	444	4174
						N/A
						Big Injun
					5 Page 10 February	Big Injun
						Gordon Stray
	and the second			110000		Big Injun
						N/A
	Worked Over	39.773331	-80.606626			Big Injun
	Plugged	39.772606	-80,608881	2940		Gordon
Columbia Gas Transmission, LLC	Completed	39.770721	-80.609256	2302	Big Injun	Big Injun
Columbia Gas Transmission, LLC	Completed	39.772316	-80.603619	2270	Price Formation	Big Injun
Columbia Gas Transmission, LLC	Worked Over	39.771446	-80.60531	2192	Big Injun	Big Injun
Columbia Gas Transmission, LLC	Completed	39.769996	-80.603243	2246	Big Injun	Big Injun
Manufactures Light & Heat Company	Completed	39.768836	-80.601927	unknown	Big Injun	Big Injun
Columbia Gas Transmission, LLC	Cancelled	39.768981	-80.50437	unknown	unknown	unknown
Columbia Gas Transmission, LLC	Cancelled	39.767675	-80.605685	unknown	unknown	unknown
N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manufactures Light & Heat Company	Completed	39.769271	-80.608692	2320	Big Injun	Big Injun
N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manufactures Light & Heat Company	Plugged	39,766516	-80.607563	unknown	Maxton	Maxton
Patterson, G. & A.	Cancelled	39.766276	-80.600423	unknown	unknown	unknown
Patterson, G. & A.	Plugged	39.768981	-80.600424	1037	Conemaugh Group	Morgantown
Manufactures Light & Heat Company	Worked Over	39.768836	-80.600048	unknown	unknown	unknown
	Cancelled	39.768016	-80.600423	unknown	unknown	unknown
	Completed	39.768256	-80.597229	1133	Pittsburgh Coal	Pittsburgh Coal
	The state of the s		N/A	N/A	N/A	N/A
				and the same	unknown	unknown
Control of the second s		39.767386	-80.597605	1400	Pittsburgh Coal	Pittsburgh Coal
		39.766389	-80.59767	unknown	unknown	unknown
					Greenland Gap Formation	Fourth
				unknown	The state of the s	Big Injun
			90,000,000,000		The Water Control	Salt Sands
					2770,000,000	Maxton
	STATE OF THE PARTY		10713742000			Big Injun
						unknown
						N/A
						N/A
		0.75				Big Injun
Columbia Gas Transmission, LLC	Fluggeo	33.703471	-00.004308	2180	Big Injun	Big Injun
	Columbia Gas Transmission, LLC Columbia Gas Transmission, LLC Manufactures Light & Heat Company Columbia Gas Transmission, LLC Columbia Gas Transmission, LLC N/A Manufactures Light & Heat Company N/A Manufactures Light & Heat Company Patterson, G. & A.	Manufactures Light & Heat Company N/A Manufactures Light & Heat Company N/A Manufactures Light & Heat Company Patterson, G. & A. Columbia Gas Transmission, LLC Completed N/A Manufactures Light & Heat Company N/A Manufactures Light & Heat Company Patterson, G. & A. Patterson, G. & A. Patterson, G. & A. CNX Gas Company, LLC N/A CNX Gas Company, LLC COmpleted N/A CNX Gas Company, LLC Completed Completed Completed Plugged Completed Plugged Vorhed Over Reassign N/A N/A N/A N/A N/A	Manufactures Light & Heat Company N/A Manufactures Light & Heat Company N/A Manufactures Light & Heat Company Patterson, G. & A. Columbia Gas Transmission, LLC Completed 39.76996 Manufactures Light & Heat Company Columbia Gas Transmission, LLC Completed 39.768836 Columbia Gas Transmission, LLC Completed 39.768836 Completed 39.76676 N/A N/A Manufactures Light & Heat Company N/A Manufactures Light & Heat Company Patterson, G. & A. Plugged 39.766516 Cancelled 39.766516 Patterson, G. & A. Plugged 39.768836 Cancelled 39.768836 Cancelled 39.768016 Completed 39.768016 Completed 39.76605 Completed 39.76605 Completed 39.7678605 Completed 39.767386 Completed 39.767386 Completed 39.767386 Completed 39.767386 Completed 39.765356 Manufactures Light & Heat Company Manufactures Ligh	Manufactures Light & Heat Company Completed 39.774781 -80.600613 Manufactures Light & Heat Company Plugged 39.773186 -80.597042 Manufactures Light & Heat Company Completed 39.773766 -80.601552 Manufactures Light & Heat Company N/A N/A N/A Manufactures Light & Heat Company N/A N/A N/A Manufactures Light & Heat Company Worked Over 39.773331 -80.606626 Patterson, G. & A. Plugged 39.772066 -80.608881 Columbia Gas Transmission, LLC Completed 39.772316 -80.609256 Columbia Gas Transmission, LLC Completed 39.77246 -80.603619 Manufactures Light & Heat Company Completed 39.77246 -80.6036324 Manufactures Light & Heat Company Completed 39.768981 -80.603643 Columbia Gas Transmission, LLC Cancelled 39.768981 -80.60437 Columbia Gas Transmission, LLC Cancelled 39.768981 -80.60437 Columbia Gas Transmission, LLC Cancelled 39.768981 -80.605685	Manufactures Light & Heat Company Completed 39.774781 -80.600613 2500 Manufactures Light & Heat Company Plugged 39.773186 -80.597042 2235 Manufactures Light & Heat Company Completed 39.773166 -80.601552 2969 Manufactures Light & Heat Company Completed 39.770141 -80.599672 2200 N/A N/A N/A N/A N/A Manufactures Light & Heat Company Worked Over 39.772606 -80.606861 1920 Patterson, G. & A. Plugged 39.770721 -80.603619 2940 Columbia Gas Transmission, LLC Completed 39.772315 -80.603619 2270 Columbia Gas Transmission, LLC Completed 39.77446 -80.60321 2192 Columbia Gas Transmission, LLC Completed 39.768981 -80.603243 2246 Manufactures Light & Heat Company Completed 39.768981 -80.603243 unknown N/A N/A N/A N/A N/A N/A Manufactures Light & Heat Company	Manufactures Light & Heat Company Morked Over 39.77366

Area of Review

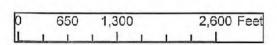
4705100742	Columbia Gas Transmission, LLC	Plugged	39.762891	-80.601925	1980	Big Injun	Big Injun
4705100324	Manufactures Light & Heat Company	Plugged	39.761731	-80.598167	1829	Big Injun	Big Injun
4705100496	Columbia Gas Transmission, LLC	Completed	39.761441	-80.597228	2068	Big Injun	Big Injun
4705100325	unknown	unknown	39.760861	-80.598731	unknown	3rd Salt Sands	Salt Sands
051-30077	Carnegie Natural Gas Co	N/A	39.781791	-80.614334	N/A	N/A	N/A

4705102436 Charles Jamison MSH Pad Coal Map



Legend

- Jamison Well Pad
- Underground Mining





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JAN 3 1 2022

WV Department of Environmental Protection

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN

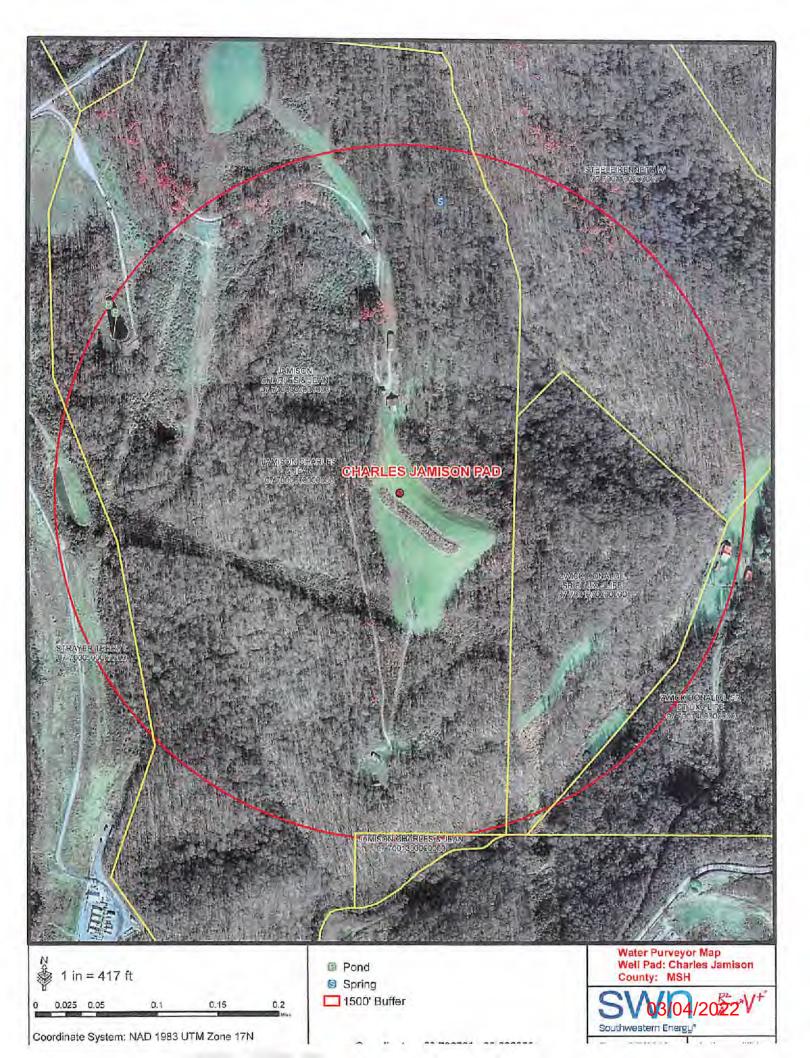


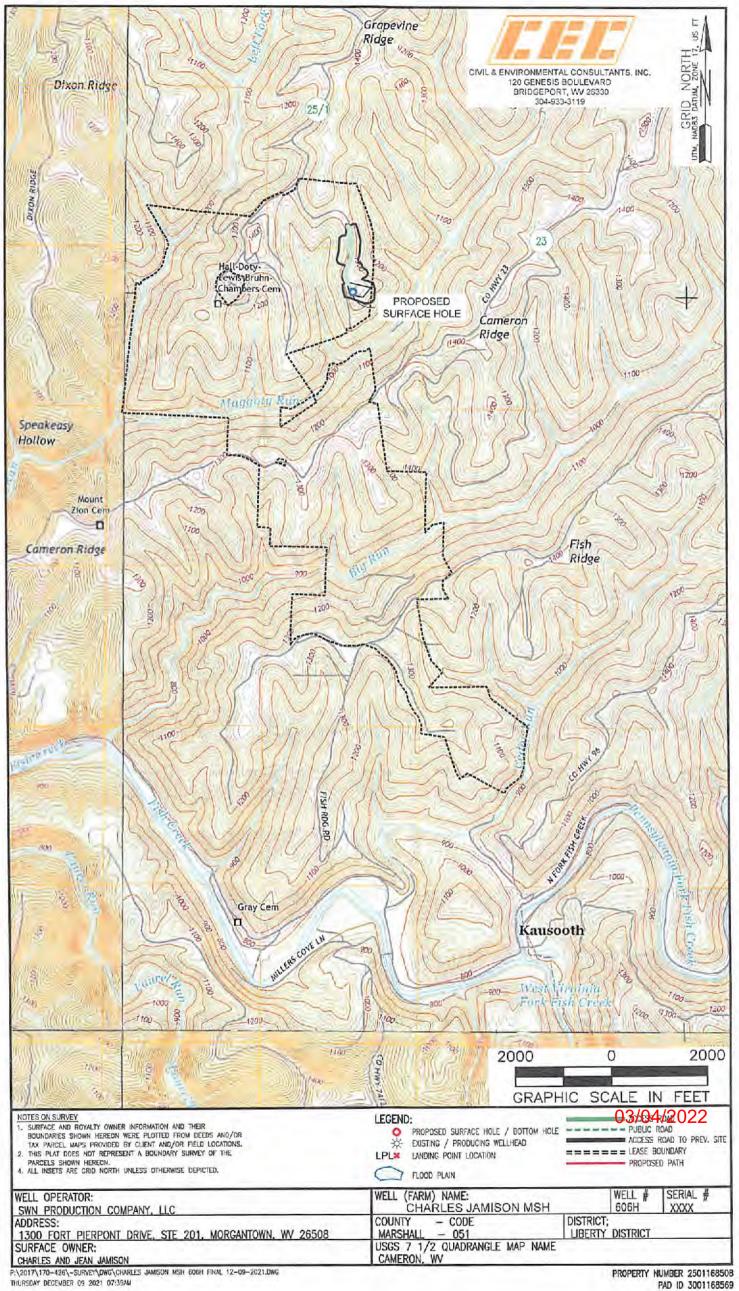
SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, West Virginia 26508

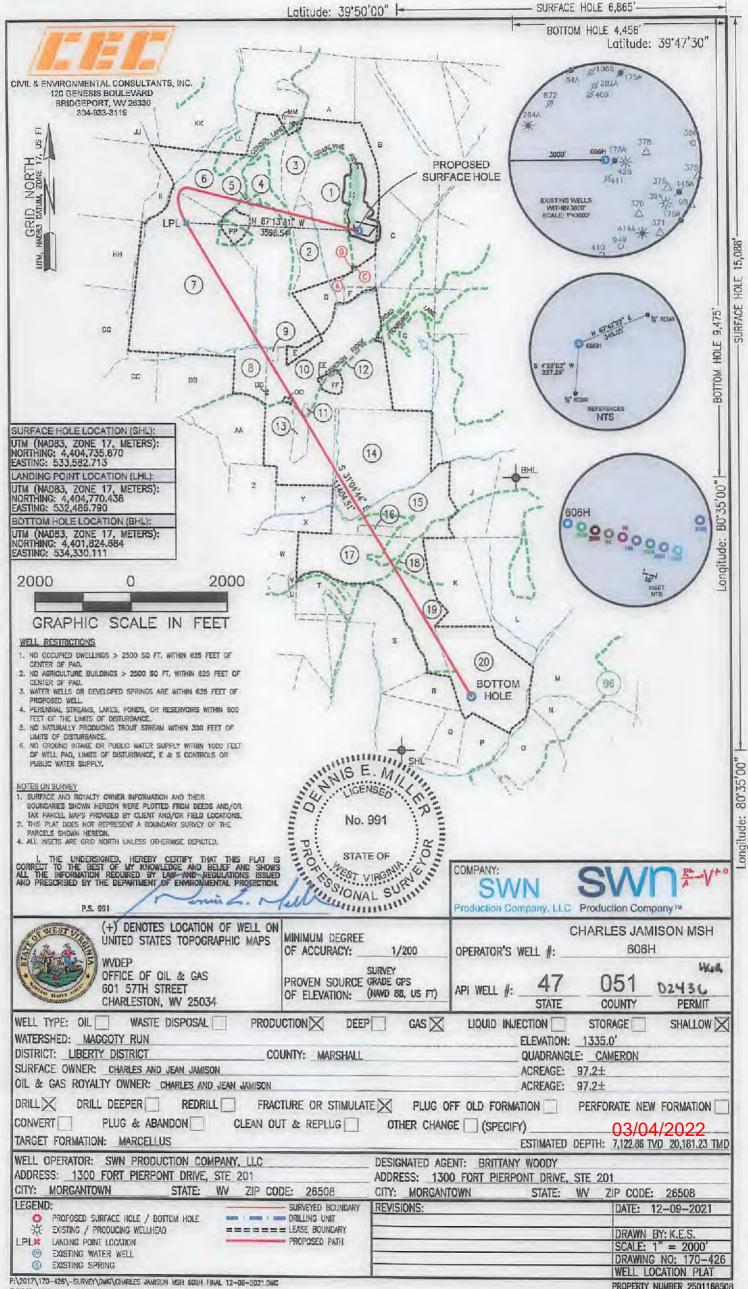
API NO. 47-XXX-XXXXX WELL NAME: Charles Jamison MSH 606H Cameron QUAD Liberty DISTRICT MARSHALL COUNTY, WEST VIRGINIA

, LLC
Office of Oil and Gas JAN 3 1 2022 Environmental Protection
and the state of t

SWN PRODUCTION COMPANY, LLC - CONFIDENTIAL









TRACT	SURFACE OWNER	TAX PARCEL
1	CHARLES AND JEAN JAMISON	07-007-0006
2	TIMOTHY R. CAIN	07-007-0006.2
3	MARSHALL COUNTY COAL RESOURCES INC	07-007-0006.3
4	MARSHALL COUNTY COAL RESOURCES INC	07-007-0005.3
5	WAYNE E. GRAHAM JR. & GWENDOLYN L. GRAHAM	07-007-0005.2
6	WAYNE E. GRAHAM JR. & GWENDOLYN L. GRAHAM	07-007-0005
7	WAYNE E, GRAHAM JR. & GWENDOLYN L. GRAHAM	07-007-0004
8	PAMELA J. & SCOTT HOWARD & MICHAEL OWEN WHITE	07-010-0015
9	G. & JAN DOBBS FAMILY TRUST & ERIC SCOTT DOBBS	07-010-0016
10	C. & JAN DOBBS FAMILY TRUST & ERIC SCOTT DOBBS	07-010-0018
11	HAZEN B. PYLES	07-010-0018.1
12	CO. RT. 23 ROW (CAMERON RIDGE ROAD)	
13	ERIC SCOTT & TIFFANY J. DOBBS	07-010-0018.4
14	G. & JAN DOBBS FAMILY TRUST & ERIC SCOTT DOBBS	07-010-0022
15	HAROLD E. & ANITA RUSH	07-010-0023
15	HAROLD E. & ANITA RUSH	07-010-0023.
17	VINCENT E. LEMASTERS	07-010-0024
18	FISH RIDGE ROAD ROW	
19	STEPHANIE F. YEATER	07-016-0029.3
20	RUSSELL ALLEN DOTSON JR. & JODI D. DOTSON	07-016-0028

TRACT	ADJOINING OWNERS TABLE SURFACE OWNER	TAX PARCEL
A	KENNETH WAYNE STEELE REVOCABLE LIVING TRUST AGREEMENT	07-007-0008.1
В	KENNETH WAYNE STEELE REVOCABLE LIVING TRUST AGREEMENT	07-007-0011
C	GAIL L. ZWICK - LIFE	07-007-0012
D	TIMOTHY R. CAIN	07-007-0006.1
E	G. & JAN DOBBS FAMILY TRUST; ERIC SCOTT DOBBS; AND DOROTHY VESS	07-010-0017
F	CHARLES & JEAN JAMISON	07-007-0013
G	MARSHALL COUNTY COAL RESOURCES INC.	07-010-0019
Н	JEFFREY A. MURRAY	07-010-0018.2
1	G. & JAN DOBBS FAMILY TRUST & ERIC SCOTT DOBBS	07-010-0021
J	HOWARD E. WILLIAMS	07-010-0025.1
K	ROBERT D. WILLIAMS	07-016-0030
L	RUSSELL ALLEN DOTSON JR. & JODI D. DOTSON	07-016-0031
М	ELLEN MARIE QUIGLEY	07-016-0033
N	JEREMIAH N. & ANDREA J. MAGERS	07-016-0033.1
0	JOHN M. BUTLER	07-016-0026.1
P	GEORGE R. CUMPSTON AND NANCY K. CUMPSTON, HIS WIFE; AND GAIL K. PORTER, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0024
Q	GEORGE R. CUMPSTON AND NANCY K. CUMPSTON, HIS WIFE; AND GAIL K. PORTER, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0027
R	RICHARD M. YEATER AND DEBRA S. YEATER, HIS WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0029.
S	SUSAN JANE YEATER, JOSEPH EDWARD YEATER, AND PRESTON A. YEATER AND HEATHER L. YEATER	07-016-0029
T	PRESTON & HEATHER L. YEATER	07-016-0029.4
U	PATTY K. BRIGGS	07-016-0002.2
٧	JACK BRIGGS	07-016-0002.
W.	JAMES RODNEY BRIGGS AND ROGER JACOB BRIGGS	07-016-0002
X	JAMES M. CLARK	07-010-0009
Y	JAMES M. CLARK	07-010-0010
Z	MARILYN V. WHIPKEY	07-010-0011
AA	CHARLES R. CLARK & MARILYN V. WHIPKEY	07-010-0012
BB	CHARLES R. CLARK & MARILYN V. WHIPKEY	07-010-0004
CC	CHARLES R. CLARK & MARILYN V. WHIPKEY	07-010-0001
DD	ERIC SCOTT & TIFFANY J. DOBBS	07-010-0018.
EE	G. & JAN DOBBS FAMILY TRUST	07-010-0018.
FF	G. & JAN DOBBS FAMILY TRUST	07-010-0018.
GG	SHAWN T. DANAHEY SR. & SHAWN T. DANAHEY II	07-008-0009
HH	BLAINE E. STERN JR.	07-008-0011
II.	CONSOLIDATED COAL COMPANY MURRAY ENERGY CO LAND DEPARTMENT	07-007-0003
لال	GEO. A. BURRIS ET AL	07-008-0014
KK	KAREN SUE EVANS AND JUDY KAY MATHEWS, AS TENANTS IN COMMON	07-007-0001
LL	KAREN SUE EVANS AND JUDY KAY MATHEWS, AS TENANTS IN COMMON	07-007-0002
MM	CONSOLIDATED COAL COMPANY MURRAY ENERGY CO LAND DEPARTMENT	07-007-0007.
NN	MARSHALL COUNTY COAL RESOURCES INC.	07-007-0007
00	JERRY S. & CYNTHIA C. WHORTON	07-010-0018.3
PP	WAYNE E. GRAHAM JR. & GWENDOLYN L. GRAHAM	07-007-0005.

API WELL	#:	47	051	02436	West
7 II T WELL		STATE	COUNTY	PERMIT	_

03/04/2022

REVISIONS:	COMPANY:	SWN Production Company, LLC	SV Production C	P ² V ⁺ Company™
	OPERATOR'S WELL #:			DATE: 12-09-2021 DRAWN BY: K.E.S.
	DISTRICT: LIBERTY DISTRIC	COUNTY: MARSHALL	STATE: WV	SCALE: N/A DRAWING NO: 170-426 WELL LOCATION PLAT 2

WW-6A1 (5/13)

Operator's Well No. Charles Jamison MSH 606H

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

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

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

Lease Name or Number

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See Exhibit

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

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

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

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

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

Well Operator: SWN Production Company, LLC

By:

-an

Its:

Staff Landman



Fract #	Tax Parcel	Lessor	Lesson	Royalty	Book/Page	% Interest Not Leased by Southwestern Production Company, LLC
1	7-7-6	Cora Gosney and H.M. Gosney, her husband; O.L. Bruhn and Nola Bruhn, his wife; Dora W. Wagner,	The Manufacturers Light and Heat Company	12.50%	342/268	0.00%
		widow	Calcardia Cas Transmission Composition		422/204	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation Columbia Natural Resources, LLC		642/281	
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, L.L.C.		650/63	l
		Columbia Natural Resources, LLC	·		33/110	
		Chesapeake Appalachia, LLC Cora Gosney and H.M. Gosney, her husband; O.L.	SWN Production Company, LLC		33/110	
2	7-7-6.2	Bruhn and Noia Bruhn, his wife; Dora W. Wagner, widow	The Manufacturers Light and Heat Company	12.50%	342/268	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 Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Cora Gosney and H.M. Gosney, her husband; O.L.				
3	7-7-6.3	Bruhn and Nola Bruhn, his wife; Dora W. Wagner, widow	The Manufacturers Light and Heat Company	12.50%	342/268	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 Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	1
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
4	7-7-5.3	Phyliis J. Holt and William J. Holt, husband; John H. Malatinsky and Judith A. Malatinsky, wife; Paul A. Malatinsky, a married person; and Philip L. Malatinsky and Victoria K. Malatinsky, wife	Columbia Gas Transmission Corporation	12.50%	566/572	0.00%
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		David J. Mullen and Sandra Mullen, husband and wife	SWN Production Company, LLC	18.00%	931/432	RECEIVED Office of Oil &
		Marcia L. Kerans and Gary Kerans, wife and husband	SWN Production Company, LLC	18.00%	931/436	_ 4
		Unknown Heirs and Assigns of Agnes Bruhn	SWN Production Company, LLC	18.00%	1073/617	FEB 17 202
		Paul Anthony Malatinsky and Sharon L. Malatinsky,	• •			7
		husband and wife	SWN Production Company, LLC	18.00%	916/180	MAY Dansate
		Phyllis Jean Holt, a/k/a Phylis Jean Holt and William J.	SWN Production Company, LLC	18.00%	916/196	WV Department Environmental Proj
		Holt, wife and husband	States Broduction Company 11 C	18.00%	916/199	2. WIOTH TEIRED FIO
		Judith Malatinsky, a widow Nicholas A. Malatinsky, Guardian of Phillip Louis	SWN Production Company, LLC	10.00%	310/159	
		Malatinsky, a/k/a Philip Louis Malatinsky, a/k/a Philip Louis Malatinsky, a widower	SWN Production Company, LLC	18.00%	926/294	
		Jacqueline M. Loria and Michael Loria, wife and husband	SWN Production Company, LLC	18.00%	935/233	
5	7-7-5.2	Phyllis J. Holt and William J. Holt, husband; John H. Malatinsky and Judith A. Malatinsky, wife; Paul A. Malatinsky, a married person; and Philip L. Malatinsky and Victoria K. Malatinsky, wife	Columbia Gas Transmission Corporation	12.50%	566/572	0.00%
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	į
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	j
		David J. Mullen and Sandra Mullen, husband and wife	SWN Production Company, LLC	18.00%	931/432	
		Marcia L. Kerans and Gary Kerans, wife and husband	SWN Production Company, LLC	18.00%	931/436	
		Unknown Heirs and Assigns of Agnes Bruhn	SWN Production Company, LLC	18.00%	1073/617	
		Paul Anthony Malatinsky and Sharon L. Malatinsky,	SWN Production Company, LLC	18.00%	916/180	
		husband and wife	STATE PROGRESSION COMPANY, LLC	10.0076	710/100	
		Phyllis Jean Holt, a/k/a Phylls Jean Holt and William J. Holt, wife and husband	SWN Production Company, LLC	18.00%	916/196	ļ
		Judith Malatinsky, a widow	SWN Production Company, LLC	18.00%	916/199	
		Nicholas A. Malatinsky, Guardian of Phillip Louis		***		
		Malatinsky, a/k/a Philip Louis Malatinsky, a/k/a Philip Louis Malatinsky, a/k/a Philip Louis Malatinsky, a widower	SWN Production Company, LLC	18.00%	926/294	
		Jacqueline M. Loria and Michael Loria, wife and	SWN Production Company, LLC	18.00%	935/233	
		husband				
6	7-7-5	Phyllis J. Holt and William J. Holt, husband; John H. Malatinsky and Judith A. Malatinsky, wife; Paul A. Malatinsky, a married person; and Philip L. Malatinsky and Victoria K. Malatinsky, wife	Columbia Gas Transmission Corporation	12.50%	5 66 /572	0.00%
6	7-7-5	Phyllis J. Holt and William J. Holt, husband; John H. Malatinsky and Judith A. Malatinsky, wife; Paul A. Malatinsky, a married person; and Philip L. Malatinsky	Columbia Gas Transmission Corporation Columbia Natural Resources, LLC	12.50%	566/572 642/281	0.00%

1			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110		
			David J. Mullen and Sandra Mullen, husband and wife	SWN Production Company, LLC	18.00%	931/432		
1			Marcla L. Kerans and Gary Kerans, wife and husband	SWN Production Company, LLC	18.00%	931/436	1	
ł			Unknown Heirs and Assigns of Agnes Bruhn	SWN Production Company, LLC	18.00%	1073/617		
			Paul Anthony Malatinsky and Sharon L. Malatinsky, husband and wife	SWN Production Company, LLC	18.00%	916/180		
			Phyllis Jean Holt, a/k/a Phylis Jean Holt and William J.	SWN Production Company, LLC	18.00%	916/196		
			Holt, wife and husband Judith Malatinsky, a widow	SWN Production Company, LLC	18.00%	916/199		
1			Nicholas A. Malatinsky, Guardian of Phillip Louis				i	
			Malatinsky, a/k/a Philip Louis Malatinsky, a/k/a Phillip Louis Malatinsky, a widower	SWN Production Company, LLC	18.00%	926/294		
			Jacqueline M. Loria and Michael Loria, wife and husband	SWN Production Company, LLC	18.00%	935/233		
7		p/o 7-7-4	Wayne E. Graham, also known as Wayne E. Graham, Jr., and Gwendolyn L. Graham, husband and wife	SWN Production Company, LLC	16.00%	984/289	0.00%	
8	}	p/o 7-10-15	Lovinia Clark, widow; Dora Reynolds, widow; Reverdy Reynolds and Golda Reynolds. His wife	The Manufacturers Light and Heat Company	12.50%	353/232	0.00%	
1			The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204		
1			Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281		
			Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63 33/110		
-			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
		p/o 7-10-15	Lovinia Clark, widow; Dora Reynolds, widow; Reverdy Reynolds and Golda Reynolds. His wife	The Manufacturers Light and Heat Company	12.50%	353/232	0.00%	
			The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204 642/281		
			Columbia Gas Transmission Corporation Columbia Natural Resources, LLC	Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C.		650/63		
1			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
\vdash		p/o 7-10-15	Ashley Marie Nicole Alderman, a single woman	SWN Production Company, LLC	15.00%	1127/22	22.05%	
		p/0 7-10-15	Jeff A. Alderman, Jr., also known as Jeff Alderman, Jr.,				l	
			a single man	SWN Production Company, LLC	15.00%	1126/52		
			Cheryl Ann Anon, also known as Cherie Anon, a single woman	SWN Production Company, LLC	15.00%	1117/209	ĺ	
1			Randy Lee Bartholow and Cheryl Ann Bartholow, husband and wife	SWN Production Company, LLC	15.00%	1119/22	\$	
			Dale Brian Beatty, also known as Butch Beatty, a single	·			RECEI	(ED
1			man Richard Allen Beatty, also known as Ricky Beatty, a	SWN Production Company, LLC	15.00%	1123/196	Office of O	& Gas
ì			single man	SWN Production Company, LLC	15.00%	1123/189	FEB 17	2022
			Robert Lee Beatty, a single man Tammy J. Bechtel, a married woman dealing in her	SWN Production Company, LLC	15.00%	1123/182		
			sole and separate property	SWN Production Company, LLC	15.00%	1126/101	WV Depart Environmental	nent of
			Brian Scott Beverly, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1126/464	Environmental	Protection
			Charles Everett Beverly, Jr., a married man dealing in	Charles Comments and the Comments of the Comme	15.00%	1126/471		
1			his sole and separate property Joseph Russell Beverly, a married man dealing in his	SWN Production Company, LLC	13.00%	1120/4/1	ľ	
			sole and separate property Phyllis Jean Beverly, a married woman dealing in her	SWN Production Company, LLC	15.00%	1126/478		
1			sole and separate property Jill Maria Bigbee, formerly known as Jill Maria	SWN Production Company, LLC	15.00%	1128/357		
			Wilkinson, formerly known as Jill Maria Burris, a married woman dealin in her sole and separate property	SWN Production Company, LLC	15.00%	1130/29		
			Trudi K. Blake, also known as Trudle Kay Blake, a married woman dealing in her sole and separate					
			property Karen Lee Schwartz-Burris, formerly known as Karen	SWN Production Company, LLC	15.00%	1119/444		
			Lee Schwartz, formerly known as Karen Lee Sours, a widow and not remarried	SWN Production Company, LLC	15.00%	1129/81		
			Mary JoAnn Burris, also known as Mary J. Burris, formerly known as Mary JoAnn Burge, formerly known as Mary Joan Burge, formerly known as Mary J.					
			Stern and Paul Joseph Burris, wife and husband Michael W. Burris, a married man dealing in his sole	SWN Production Company, LLC	15.00%	1129/703	ł	
			and separate property	SWN Production Company, LLC	15.00%	1119/29	į	
			Anthony Carducci and Theresa A. Carducci, husband and wife	SWN Production Company, LLC	15.00%	1126/122	i	
			Debra K. Carducci, a divorced woman and not remarried	SWN Production Company, LLC	15.00%	1126/108		
			Betty Jean Clark, formerly known as Betty Jean Robb, a divorced woman and not remarried	SWN Production Company, LLC	15.00%	1119/36		

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Delta Dawn Clark, formerly known as Delta Dawn Dayton, a divorced woman and not remarried	SWN Production Company, LLC	17.00%	1127/729		
Bill Wayne Clutter, also known as Bill W. Clutter, a single man	SWN Production Company, LLC	15.00%	1119/451		
Lisa Ann Clutter, also known as Lisa A. Clutter, a single woman	SWN Production Company, LLC	15.00%	1119/15		
Paul Junior Clutter, also known as Paul J. Clutter, a divorced man and not remarried	SWN Production Company, LLC	15.00%	1119/640		
Marsha Coley, a married woman dealing in her sole		15.00%	1126/129		
and separate property Sheryl Maxine Cranford, formerly known as Sheryl	SWN Production Company, LLC	15.00%	1120/129		
Pletcher, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1125/721		
Joseph Russell Cross, also known as Joe Cross, a	SWN Production Company, LLC	15.00%	1129/137		
widower and not remarried	SWN Production Company, LLC	13.55%	1113/137		
David Lee Day, also known as David L. Day, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1112/156		
-	SWN Production Company, LLC	15.00%	1126/115		
JoAnn Virginia DiNapoli, a widow and not remarried		13.50%	1110,100		
Dorothy A. Duley, a widow and not remarried, by Gary L. Tow and Connie L. Tow, her Attorneys-in-Fact	SWN Production Company, LLC	15.00%	1112/543		
Kimberly Sue Eddleblute, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1128/15		
Gloria Lou Ellis, also known as Gloria Ellis, a widow	,				
and not remarried Tracie M. Enos, also known as Tracie Enos and Chip	SWN Production Company, LLC	15.00%	1123/555		
Enos, wife and husband Andrew Edward Evans, also known as Andrew E.	SWN Production Company, LLC	15.00%	1128/350	RECE	IVED
Evans, also known as Andrew Evans, a divorced man			4420/25	Office of	Dil & Gas
and not remarried Carol Jean Evans, also known as Carol J. Evans, a	SWN Production Company, LLC	15.00%	1130/36	FEB 1 '	7 2022
widow and not remarried Gregory Cladys Evans, a divorced man and not	SWN Production Company, LLC	15.00%	1126/485	LED I	2022
remarried	SWN Production Company, LLC	15.00%	1127/1	WV Depa	rtment of
Keith Mark Evans, also known as Keith Evans and Sandra Louis Evans, husband and wife	SWN Production Company, LLC	15.00%	1121/569	WV Depa Environment	l Protection
Ronnie Edward Evans, a divorced man and not remarried	SWN Production Company, LLC	15.00%	1114/182		
Stevin Ray Evans and Ruth Ann Evans, husband and			-		
wife Terry Eugene Evans and Robin Elaine Evans, husband	SWN Production Company, LLC	15.00%	1125/147		
and wife	SWN Production Company, LLC	15.00%	1127/8		
Willard Junior Evans, a widower and not remarried	SWN Production Company, LLC	15.00%	1114/161		
Earl H. Ezell, III, also known as Earl Holt Ezell, III and					
Denise Ezell, husband and wife Ronald Marvin Ezell, a single man	SWN Production Company, LLC SWN Production Company, LLC	18,00% 18,00%			
William Randall Ezell and Beverly Ezell, husband and					
wife	SWN Production Company, LLC	18.00%	1120/251		
Linda L. Fabry and Marvin J. Fabry, wife and husband	SWN Production Company, LLC	15.00%	1128/36		
Barbara Jean Faulkiner, also known as Barbara Jean	C	15.000	1170/27		
Faulkner, a widow and not remarried	SWN Production Company, LLC	15.00%	1128/57	ļ	
Shirley Ford, formerly known as Shirley Thomas and Robert L. Ford, wife and husband	SWN Production Company, LLC	18.00%	1128/329		
Trevor Curtis Friday, a married man dealing in his sole	SWN Production Company, LLC	15.00%	1112/163		
and separate property	SWW Froduction Company, LLC	13.30%	1112/100		
Barbara Ellen Frye, also known as Barbara Frye and Rickie Gene Frye, wife and husband	SWN Production Company, LLC	15.00%	1116/475		
Crawford Gable, Jr., a single man Paula Lynn Galentine, also known as Paula L.	SWN Production Company, LLC	15.00%	1108/221		
Galentine and Heath Greg Galentine, wife and					
husband	SWN Production Company, LLC	15.00%	1119/8		
Donna Jo Games, a widow and not remarried Kelly Ann Garber, also known as Kelly Garber, a	SWN Production Company, LLC	15.00%	1125/436		
married woman dealing in her sole and separate					
property Richelle Lynn Gomez, also known as Richelle Gomez,	SWN Production Company, LLC	15.00%	1123/541		
formerly known as Richelle Lynn Warden, a married					
woman dealing in her sole and separate property Dorothy A. Gray, a widow and not remarried, by Brian	SWN Production Company, LLC	15.00%	1129/116		
E. Gray, her Attorney-in-Fact	SWN Production Company, LLC	15.00%	1116/468		
Martha Jane Greathouse, a widow and not remarried	SWN Production Company, LLC	18.00%	1106/615		
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Deborah Sue Griesbaum, formerly known as Deborah Sue McCue, a widow and not remarried Neilie LouAnn Griffith, formerly known as Nelliw	SWN Production Company, LLC	15.00%	1121/63	
LouAnn Reynolds, a married woman dealing in her sole and separate property Patricia Joan Guy, formerly known as Patricia Joan	SWN Production Company, LLC	15.00%	1119/437	
Reynolds, a married woman dealing in her sole and separate property Carolyn Louise Haas, also known as Carolyn L. Haas, a married woman dealing in her sole and separate	SWN Production Company, LLC	15.00%	1121/49	
property	SWN Production Company, LLC	15.00%	1126/94	
Marion Dale Haas, also known as Dale Haas, also known as M. Dale Haas, a married man dealing in his				
sole and separate property	SWN Production Company, LLC	15.00%	1123/203	j
Shelby Allison Haley, a single woman	SWN Production Company, LLC	15.00%	1126/80	
Bailey Michael Hall, also known as Bailey Hall, a single man	SWN Production Company, LLC	15.00%	1130/22	
Brian Lee Hall, also known as Brian Hall, a married				
man dealing in his sole and separate property	SMM Draduction Company 11C	15.00%	1126/17	
Kristal Hall, a widow and not remarried	SWN Production Company, LLC SWN Production Company, LLC	15.00%	1130/8	RECEIVED Office of Oil & Gas
Ruth Reynolds Hampson, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1129/144	
Janice L Hanes, also known as Janice Hanes, a married		2		FEB 17 4 022
woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1106/198	W// Doportmont of
Shelley Haney, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1126/87	WV Department of Environmental Protection
Kimberiy Michelle Harper, also known as Kimberiy Harper, also known as Kim Harper, a single woman Mark Timothy Harr, also known as Mark Timothy Horr	SWN Production Company, LLC	15.00%	1128/29	
a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1122/404	
Steve Alan Harr, also known as Steve Alan Horr, a married man dealing in his sole and separate property Amber Harrington, a married woman dealing in her	SWN Production Company, LLC	15.00%	1121/576	
sole and separate property Debra F. Hickman, also known as Debra Faye	SWN Production Company, LLC	15.00%	1130/15	
Hickman, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1125/714	
Anna Louise Hunt, formerly known as Anna Louise Reynolds, a widow and not remarried Nikki Jo Hunter, formerly known as Nikki Jo Victor and	SWN Production Company, LLC	15.00%	1119/1	
Scott Hunter, wife and husband Sharon Jean Jones, formerly known as Sharon Jean	SWN Production Company, LLC	15.00%	1129/696	
Reynolds, a widow and not remarried	SWN Production Company, LLC	15.00%	1107/460	
Dorothy Marie Kile, also known as Dorothy M. Kile, a widow and not remarried	SWN Production Company, LLC	15.00%	1125/443	
Misty Lynn Landefeld, formerly known as Misty Lynn Reynolds, a married woman dealing in her sole and				
separate property	SWN Production Company, LLC	15.00% 15.00%	1112/177 1130/1	
Linda D. Leonciili, a single woman Louis Emil Leoncilli and Mary Leonciili, husband and	SWN Production Company, LLC			
wife Rebekah Leoncilli, also known as Rebekah Leoncelli, a	SWN Production Company, LLC	15.00%	1129/724	
single woman	SWN Production Company, LLC	15.00%	1129/717	1
Connie Sue Leshuk, formerly known as Connie Sue]
Ballard, formerly known as Connie Sue Reynolds, a divorced woman and not remarried	SWN Production Company, LLC	15.00%	1114/125	
Howard Junior Littleton and Doris Ann Littleton, husband and wife	SWN Production Company, LLC	15.00%	1125/707	
Claudia Ann Lucas, formerly known as Claudia Ann Crow, formerly known as Claudia Ann Renforth,				
formerly known as Claudia Ann Schultz, formerly known as Claudia Ann Connor amd Jeffrey Allen Lucas, wife and husband	, SWN Production Company, LLC	15.00%	1129/130	
Donald R. Lyons and Vickie R. Lyons, husband and wife		15.00%	1126/136	
Burma Lee McCombs, also known as Burma L. McCombs, a widow and not remarried	SWN Production Company, LLC	15.00%	1114/559	
Patrick D. McCue, a single man	SWN Production Company, LLC	15.00%	1121/56	l
Donald E. McIntire, also known as Donald Eugene	The state of the s	15.00%	222130	
McIntire, a divorced man and not remarried Richard Allan McIntire, also known as Richard Allen	SWN Production Company, LLC	15.00%	1121/696	
Mcintire, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1129/109	

MaryLouise Kristine Philomena Metz, also known as Mary Lou Metz, a single woman	SWN Production Company, LL	с	15.00%	1128/1		
Tammy Rachel Marie Metz, also known as Tammy R. Metz, a single woman	SWN Production Company, LL	с	15.00%	1127/743		
Catherine Jean Miller, also known as Catherine Jean Harr, also known as Catherine Jean Horr, also known						
as Catherine Jean Bisson, a divorced woman and not remarried	SWN Production Company, LL	c	15.00%	1122/411		
Michele L. Mills, a married woman dealing in her sole and separate property	SWN Production Company, LL	.c	15.00%	1118/322		
Irvin Leroy Moren, a widower and not remarried	SWN Production Company, LL	.c	15.00%	1128/43		
Mona Lee Morse and Charles J. Morse, Jr., wife and husband	SWN Production Company, LL	.c	18.00%	1123/210		
Victoria S. Musselman, also known as Victoria Sue Musselman	SWN Production Company, LL	.c	15.00%	1117/202		
Shelley Jo Moore Mysliwiec, also known as Shellie Jo					RECE	VED
Moore Mysliwiec, a married woman dealing in her sole and separate property	SWN Production Company, LL	.c	15.00%	1119/50	RECE! Office of C	il & Gas
Rodger L. Nawman, II, a married man dealing in his sole and separate property	SWN Production Company, LL	.c	15.00%	1114/552	FEB 17	2022
Scott Reynolds Nawman, a married man dealing in his sole and separate property	SWN Production Company, LL	.c	15.00%	1112/641		
Linda F. Nicholson, also known as Linda Nicholson and					WV Depart Environmental	ment of
Gary R. Nicholson, wife and husband	SWN Production Company, LL	.c	18.00%	1128/343	ormorna	i iolection
Adam Nickolich, a divorced man and not remarried Melva Ann Norris, formerly known as Melva Ann Rose, formerly known as Melva Ann Drobrzynski, formerly	SWN Production Company, LL	.c	15.00%	1129/731		
known as Melva Ann Metz, a widow and not remarried	SWN Production Company, LL	c	15.00%	1108/207		
Shirley M. Pastre, also known as Shirley Pastre and Vincent J. Pastre, wife and husband	SWN Production Company, LL	c	15.00%	1126/38		
Evelyn Lillian Phillippi, also known as Evalyn Lelia Evan Phippie, a widow and not remarried Charles Douglas Pletcher, II, also known as Charles Douglas Pletcher, a married man dealing in his sole	SWN Production Company, LL	.c	15.00%	1113/1		
and separate property	SWN Production Company, LL		15.00%	1119/458		
Jessee Pletcher, a widow and not remarried Melrose Jane Pletcher, formerly known as Melrose	SWN Production Company, LI	.c	15.00%	1119/472		
Dougherty, a divorced woman and not remarried	SWN Production Company, Lt	.c	15.00%	1113/8		
Sheila Arlene Powell, formerly known as Sheila Arlene Reynolds, a widow and not remarried Susan Pratt, formerly known as Susan Lyons, a married woman dealing in her sole and separate	SWN Production Company, LI	c	15.00%	1119/430		
property	SWN Production Company, Li		15.00%	1129/102		
Arthur V. Reynolds, a single man Burt Randolph Reynolds, a married man dealing in his	SWN Production Company, LI	.c	17.00%	1129/123		
sole and separate property Carl Edwin Reynolds, a married man dealing in his sole	SWN Production Company, Li	.c	15.00%	1116/598		
and separate property Charles Foster Reynolds, Jr., also known as Charles Reynolds, Jr., a married man dealing in his sole and	SWN Production Company, Li	.c	15.00%	1123/562	ŗ	
separate property	SWN Production Company, Lt	.c	15.00%	1114/175		
Charles K. Reynolds, also known as Charles Kenneth Reynolds and Virginia L. Reynolds, husband and wife Donald J. Reynolds, a married man dealing in his sole	SWN Production Company, LL	.c	15.00%	1126/45		
and separate property Eva D. Reynolds, formerly known as Eva D. Kotopka, a	SWN Production Company, LL	.c	15.00%	1116/605		
widow and not remarried Floyd Wayne Reynolds, a divorced man and not	SWN Production Company, LL	.c	15.00%	1114/139		
remarried	SWN Production Company, LL	.c	15.00%	1117/195	ı	
Genevieve Lenore Reynolds, formerly known as Genevieve Lenore Phillips, a widow and not remarried Harold Alan Reynolds, a married man dealing in his	SWN Production Company, LL	c	15.00%	1123/224		
sole and separate property Kathy Sue Reynolds, formerly known as Kathy Sue	SWN Production Company, LL	c	15.00%	1112/170		
Stimpert, a widow and not remarried Lewis Franklin Reynolds, a married man dealing in his	SWN Production Company, LL	c	15.00%	1112/184		
sole and separate property	SWN Production Company, LL	c	15.00%	1114/132		
Margie Ellen Reynolds, formerly known as Margie Ellen LaPlante, a widow and not remarried	SWN Production Company, LL	c	15.00%	1114/545		

Mary Louise Reynolds, formerly known as Mary Louise Foster, a widow and not remarried	SWN Production Company, LLC	16.00%	1118/308		
Robert Eugene Reynolds, a married man dealing in his					
sole and separate property	SWN Production Company, LLC	15.00%	1119/465		
Robert L. Reynolds, Sr., also known as Robert Reynolds and Marybell Reynolds, husband and wife	SWN Production Company, LLC	15.00%	1129/571		
Robert Rickey Reynolds, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1118/643		
Roger L. Reynolds, also known as Roger Reynolds and Melanie P. Reynolds, husband and wife	SWN Production Company, LLC	15.00%	1126/24		
Scott J. Reynolds, also known as Scott Reynolds, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1114/158		
Shirley Jean Reynolds, formerly known as Shirley Jean Johnson, a widow and not remarried	SWN Production Company, LLC	15.00%	1117/188		
Terry Lee Reynolds, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1128/50		
Timothy G. Reynolds, also known as Timothy Reynolds					
and Tamara A. Reynolds, husband and wife Wilbert Wayne Reynolds, a married man dealing in his	SWN Production Company, LLC	15.00%	1126/31	RECE Office of 0	VED
sole and separate property Wilford Reynolds, Jr., a married man dealing in his	SWN Production Company, LLC	15.00%	1128/322	Office of 0	il & Gas
sole and separate property	SWN Production Company, LLC	15.00%	1124/301	FEB 17	2022
Meri Rene Rockaway, a widow and not remarried	SWN Production Company, LLC	15.00%	1118/329		
Caleb M. Runtenelli, a single man Joshua A. Runtenelli, a married man dealing in his sole	SWN Production Company, LLC	15.00%	1112/536	WV Depart Environmenta	ment of
and separate property	SWN Production Company, LLC	15.00%	1107/584	Crivironinenta	Protection
H. Glendon Rush, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1129/88		
Katherine Y. Russell, also known as Katherine Yvette Russell, formerly known as Katherine Y. Peterson,					
formerly known as Katherine Y. Shores and Daniel P. Russell, wife and husband	SWN Production Company, LLC	15.00%	1118/301		
		15.00%	1129/95		
Norman W. Ryan, a widower and not remarried	SWN Production Company, LLC				
Ronald Lee Sadler, Sr., a widower and not remarried	SWN Production Company, LLC	15.00%	1129/689		
Dorls Joan Reynolds Schrader, also known as Dorls Schrader and Bill Schrader, wife and husband	SWN Production Company, LLC	15.00%	1129/564		
Benjamin P. Shores and Kristen C. Shores, husband and wife	SWN Production Company, LLC	15.00%	1126/73		
Rhonda K. Simmons, formerly known as Rhonda K. Ezell, a married woman dealing in her sole and					
separate property Karen Sue Smith and James O. Smith, wife and	SWN Production Company, LLC	18.00%	1120/244		
husband	SWN Production Company, LLC	15.00%	1126/59		
Nancy Kay Solvey, a widow and not remarried	SWN Production Company, LLC	18.00%	1123/217		
Carla June Spears, formerly known as Carla June					
McCue, a divorced woman and not remarried Sonya Jean Strope, also known as Sonya Strope, a	SWN Production Company, LLC	15.00%	1123/548		
widow and not remarried Janet Lee Stuttler, formerly known as Janet Lee	SWN Production Company, LLC	15.00%	1127/15		
Gharm, a widow and not remarried Patricia Ann Taylor, a married woman dealing in her	SWN Production Company, LLC	15.00%	1116/495		
sole and separate property	SWN Production Company, LLC	15.00%	1128/8		
Dean A. Thomas, also known as Dean Thomas, a					
married man dealing in his sole and separate property Carole S. Tuttle and William Eugene Tuttle, wife and	SWN Production Company, LLC	15.00%	1129/738		
husband Stacey L. Vickers, formerly known as Stacey Burris, a	SWN Production Company, LLC	18.00%	1128/336		
married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1128/22		
Weigela J. Warden, also known as Sheila Warden, a				Ì	
widow and not remarried Nancy Carol Waugh, also known as Nancy C. Waugh, formerly known as Nancy C. Stern, a widow and not	SWN Production Company, LLC	15.00%	1126/66		
remarried	SWN Production Company, LLC	15.00%	1129/710		
Robert William Whiteside, a married man dealing in his sole and separate property Cindy L. Wiles, formerly known as Cindy L. Allen, a	SWN Production Company, LLC	15.00%	1118/315		
married woman dealing in her sole and separate	Class Denduction Comments	15 000	1120/245		
property	SWN Production Company, LLC	15.00%	1128/315	j	

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Taggart, a widow and not remarried Cynthla Louise Wiltshire, a married woman dealing it	SWN Production Company, LLC	15.00%	1111/469
Cyntma Couse Wilshire, a marked Wollan dealing ii her sole and separate property Kevin Wimer and Sandra Lee Wimer, husband and	SWN Production Company, LLC	15.00%	1127/736
wife	SWN Production Company, LLC	15.00%	1127/29
Doris Jean Wimsatt, also known as D. Jean Wimsatt, widow and not remarried Christine M. Wood, formerly known as Christine	a SWN Production Company, LLC	15.00%	1108/214
Matheny, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1125/154
Genevieve A. Young, a widow and not remarried	SWN Production Company, LLC	15.00%	1119/43
SWN Production Company, LLC	FEE INTEREST	13.00%	1130/53
SWN Production Company, LLC	FEE INTEREST		1130/47
SWN Production Company, LLC	FEE INTEREST		1130/49
SWN Production Company, LLC	FEE INTEREST		1130/57
SWN Production Company, LLC	FEE INTEREST		1130/55
SWN Production Company, LLC	FEE INTEREST		1130/51
SWN Production Company, LLC	FEE INTEREST		1130/43
SWN Production Company, LLC	FEE INTEREST		1130/45
Miranda L. Ackerman Thelma Akers			OPEN OPEN
Stephen A. Barrett			OPEN
Troy E. Barrett			OPEN
Angela McRee Beck			OPEN
Debra J. Beechler			OPEN
Charles Boardman, Jr.			OPEN
Noah Boardman			OPEN
Ronnie Boardman			OPEN
Claudie Lynn Bragg			OPEN
Monica S. Leoncilli Brawdy			OPEN
Marsha K. Brestle Kathleen Brown			OPEN
Lori Brown			OPEN OPEN
Bryce Burris			OPEN
Parker Burris			OPEN
Reed Burris			OPEN
Scott Andrew Burris			OPEN
ludy Castro			OPEN
Benjamin Clearwater			OPEN
Mark A. Clearwater			OPEN
Thomas David Conaway, Jr.			OPEN
loel Jean Coyler			OPEN
Carl Leo Dawes Larry Dayton			OPEN
Kristen LeeAnne Dilly			OPEN OPEN
Christopher Lee Dilly, Jr.			OPEN
Jaxson Dilly			OPEN
Damon Dilly			OPEN
Alyssa Dilly			OPEN
Stephen David Dilly			OPEN
Ryan Michael Dilly			OPEN
Kaltlyn Dilly			OPEN
Penny L. Dingey			OPEN
Denny Joseph Donnersberg Debra Lee McCombs Downs			OPEN
Kimberly Alaine Hare McRoy Eaton			OPEN OPEN
Kevin Randolph Evans			OPEN
Faith United Church of Christ (Indianapolis, IN)			OPEN
Heather A. McRoy Fee			OPEN
Melanie Fuller			OPEN
Bille Dewayne Gentry, Sr. Helrs			OPEN
Richard R. Goeldi			OPEN
layme K. Shores Gubartalla			OPEN
Carol Ruth Triplett Hackenbracht			OPEN
Brayden Hall Kaltlyn Hall			OPEN
Darlena Kay Hansel			OPEN OPEN

Richard Harris	OPEN	ſ
Brenda Sue Reynolds Hency	OPEN	ļ
Hillside Avenue Church of God	OPEN	,
Darla Louise Hineman	OPEN	(
Marian B. McNeeley Howard	OPEN	ţ'
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Jerramy Kyle Johnson	OPEN	
Lawrence Johnson	OPEN	
Joan Marie McRoy Kasper	OPEN	
Ernest Kennedy Jr., III	OPEN	
Elizabeth Eleanor Thomas LaValley	OPEN	
Kimberly Ann Warden Lilley	OPEN	İ
Patricia Kay McCombs Lilley	OPEN	į.
David L. Long	OPEN	t
Michael R. Lyons	OPEN	ł .
Susan K. Sanders Majors	OPEN	į
Kathleen Joy Martin	OPEN	•
Melody A. McRoy Mattson	OPEN	i
Ward Douglas Maurer	OPEN	RECEIVED
Maria Rae Price Maust	OPEN	Office of Oil & Gas
Valerie Lynn Maurer Mawi	OPEN	
David Mark McCombs	OPEN	FEB 1 7 2 022
Douglas Ray McCombs	OPEN	
Joy Adele Winters McDonnell	OPEN	3407 5
Margaret Hyndman McKeon	OPEN	WV Department of Environmental Protection
David Lawrence McRee	OPEN	Environmental Protection
Deward McRee	OPEN	
Joshua McRee	OPEN	
Kenneth Lee McRee, Jr.	OPEN	
Michael T. McRee	OPEN	
Robert McRee	OPEN	
Sara McRee	OPEN	
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1		Heirs of Roy Veral Reynolds, Jr.			OPEN		
		Carolyn Ann Robbins			OPEN	l	
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		Christina Thomas Ryan			OPEN		
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		William B. Ryan			OPEN		
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		Maybelle Irene Thomas Smith			OPEN	Environmental	Protection
		Tammy Jo Metz Stanley			OPEN		
		Blaine Edward Stern, Jr.			OPEN		
		Chelsea K. Ryan St. John			OPEN		ì
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		Frank Joseph Zito			OPEN		
	9 7-10-16	Ashley Mayle Missle Alderman, a cinale yearner	SWN Production Company, LLC	15.00%	1177/77	22.05%	
	9 7-10-16	Ashley Marie Nicole Alderman, a single woman	SWM Production Company, LLC	13.00%	1127/22	22.0376	
		Jeff A. Alderman, Jr., also known as Jeff Alderman, Jr.,	Change Constant Constant Constant	45.000	*****		
		a single man Cheryl Ann Anon, also known as Cherle Anon, a single	SWN Production Company, LLC	15.00%	1126/52		
		woman	SWN Production Company, LLC	15.00%	117/209		
		Randy Lee Bartholow and Cheryl Ann Bartholow,					
1		husband and wife	SWN Production Company, LLC	15.00%	1119/22		i
		Dale Brian Beatty, also known as Butch Beatty, a single	1				
		man	SWN Production Company, LLC	15.00%	123/196		
		Richard Allen Beatty, also known as Ricky Beatty, a	SIMBLE Production Consequent LLC	15.009/	122/100		
		single man	SWN Production Company, LLC		123/189		
		Robert Lee Beatty, a single man Tammy J. Bechtel, a married woman dealing in her	SWN Production Company, LLC	15.00%	123/182		
		sole and separate property	SWN Production Company, LLC	15.00%	126/101		
1		Brian Scott Beverly, a married man dealing in his sole	oviii (i o o o o o o o o o o o o o o o o	25.00.70	,		
1		and separate property	SWN Production Company, LLC	15.00%	126/464	i	
		Charles Everett Beverly, Jr., a married man dealing in					
ı		his sole and separate property	SWN Production Company, LLC	15.00%	126/471		
ı		Joseph Russell Beverly, a married man dealing in his	SWAI Production Comment II C	15 000	126/470		
1		sole and separate property Phyllis Jean Beverly, a married woman dealing in her	SWN Production Company, LLC	15.00%	.126/478		
		- · · · · · · · · · · · · · · · · · · ·	SWN Production Company, LLC	15.00%	128/357	J	
ı		Jill Maria Bigbee, formerly known as Jill Maria			•	j	
į		Wilkinson, formerly known as Jill Maria Burris, a				ļ	
1		married woman dealin in her sole and separate	PHAN BALLANIA			ļ	
		property Trudi K. Blake, also known as Trudie Kay Blake, a	SWN Production Company, LLC	15.00%	1130/29		
Į		married woman dealing in her sole and separate					
			SWN Production Company, LLC	15.00% 1	119/444		
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Karen Lee Schwartz-Burris, formerly known as Karen Lee Schwartz, formerly known as Karen Lee Sours, a widow and not remarried	SWN Production Company, LLC	15.00%	1129/81		
Mary JoAnn Burris, also known as Mary J. Burris, formerly known as Mary JoAnn Burge, formerly					
known as Mary Joan Burge, formerly known as Mary J. Stern and Paul Joseph Burris, wife and husband Adababal W. Burris, a married man dealing in his sale.	SWN Production Company, LLC	15.00%	1129/703		
Michael W. Burris, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1119/29		
Anthony Carducci and Theresa A. Carducci, husband and wife Debra K. Carducci, a divorced woman and not	SWN Production Company, LLC	15.00%	1126/122		
remarried	SWN Production Company, LLC	15.00%	1126/108	1	
Betty Jean Clark, formerly known as Betty Jean Robb, a divorced woman and not remarried	SWN Production Company, LLC	15.00%	1119/36		
Delta Dawn Clark, formerly known as Delta Dawn Dayton, a divorced woman and not remarried Bill Wayne Clutter, also known as Bill W. Clutter, a	SWN Production Company, LLC	17.00%	1127/729		
single man Lisa Ann Clutter, also known as Lisa A. Clutter, a single	SWN Production Company, LLC	15.00%	1119/451		
woman Paul Junior Clutter, also known as Paul J. Clutter, a	SWN Production Company, LLC	15.00%	1119/15	RECEIV	ED
divorced man and not remarried	SWN Production Company, LLC	15.00%	1119/640	RECEIV Office of Oi	& Gas
Marsha Coley, a married woman dealing in her sole and separate property Sheryl Maxine Cranford, formerly known as Sheryl	SWN Production Company, LLC	15.00%	1126/129	FEB 17	2022
Pletcher, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1125/721	WV Departn Environmental	ent of
Joseph Russell Cross, also known as Joe Cross, a widower and not remarried	SWN Production Company, LLC	15.00%	1129/137	⊏nvironmentai	Protection
David Lee Day, also known as David L. Day, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1112/156		
JoAnn Virginia DiNapoli, a widow and not remarried	SWN Production Company, LLC	15.00%	1126/115		
Dorothy A. Duley, a widow and not remarried, by Gary L. Tow and Connie L. Tow, her Attorneys-in-Fact Kimberly Sue Eddleblute, a married woman dealing in	SWN Production Company, LLC	15.00%	1112/543		
her sole and separate property Gloria Lou Ellis, also known as Gloria Ellis, a widow	SWN Production Company, LLC	15.00%	1128/15		
and not remarried Tracie M. Enos, also known as Tracie Enos and Chip	SWN Production Company, LLC	15.00%	1123/555		
Enos, wife and husband Andrew Edward Evans, also known as Andrew E.	SWN Production Company, LLC	15.00%	1128/350		
Evans, also known as Andrew Evans, a divorced man and not remarried	SWN Production Company, LLC	15.00%	1130/36		
Carol Jean Evans, also known as Carol J. Evans, a widow and not remarried	SWN Production Company, LLC	15.00%	1126/485		
Gregory Cladys Evans, a divorced man and not remarried	SWN Production Company, LLC	15.00%	1127/1		
Keith Mark Evans, also known as Keith Evans and Sandra Louis Evans, husband and wife	SWN Production Company, LLC	15.00%	1121/569		
Ronnie Edward Evans, a divorced man and not remarried	SWN Production Company, LLC	15.00%	1114/182		
Stevin Ray Evans and Ruth Ann Evans, husband and wife	SWN Production Company, LLC	15.00%	1125/147		
Terry Eugene Evans and Robin Elaine Evans, husband and wife	SWN Production Company, LLC	15.00%	1127/8		
Willard Junior Evans, a widower and not remarried	SWN Production Company, LLC	15.00%	1114/161		
Earl H. Ezell, III, also known as Earl Holt Ezell, III and Denise Ezell, husband and wife	SWN Production Company, LLC	18.00%	1120/258		
Ronald Marvin Ezell, a single man William Randall Ezell and Beverly Ezell, husband and	SWN Production Company, LLC	18.00%	1121/562		
wife	SWN Production Company, LLC	18.00%	1120/251		
Linda L. Fabry and Marvin J. Fabry, wife and husband	SWN Production Company, LLC	15.00%	1128/36		
Barbara Jean Faulkiner, also known as Barbara Jean Faulkner, a widow and not remarried	SWN Production Company, LLC	15.00%	1128/57		
Shirley Ford, formerly known as Shirley Thomas and Robert L. Ford, wife and husband Trevor Curtis Friday, a married man dealing in his sole	SWN Production Company, LLC	18.00%	1128/329		
and separate property	SWN Production Company, LLC	15.00%	1112/163		
Barbara Ellen Frye, also known as Barbara Frye and Rickie Gene Frye, wife and husband Crawford Gable, Jr., a single man	SWN Production Company, LLC SWN Production Company, LLC	15.00% 15.00%	1116/475 1108/221		

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Paula Lynn Galentine, also known as Paula L.				
Galentine and Heath Greg Galentine, wife and husband	SWN Production Company, LLC	15.00%	1119/8	
Donna Jo Games, a widow and not remarried Keily Ann Garber, also known as Kelly Garber, a married woman dealing in her sole and separate	SWN Production Company, LLC	15.00%	1125/436	
property Richelle Lynn Gomez, also known as Richelle Gomez,	SWN Production Company, LLC	15.00%	1123/541	
formerly known as Richelle Lynn Warden, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1129/116	
Dorothy A. Gray, a widow and not remarried, by Brian	1			
E. Gray, her Attorney-in-Fact	SWN Production Company, LLC	15.00%	1116/468	
Martha Jane Greathouse, a widow and not remarried		18.00%	1106/615	
Deborah Sue Griesbaum, formerly known as Deborah Sue McCue, a widow and not remarried Nellie LouAnn Griffith, formerly known as Nelliw LouAnn Reynolds, a married woman dealing in her	SWN Production Company, LLC	15.00%	1121/63	
sole and separate property Patricia Joan Guy, formerly known as Patricia Joan Reynolds, a married woman dealing in her sole and	SWN Production Company, LLC	15.00%	1119/437	
separate property Carolyn Louise Haas, also known as Carolyn L. Haas, a	SWN Production Company, LLC	15.00%	1121/49	RECEIVED Office of Oil & Gas
married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1126/94	FEB 17 2022
Marion Dale Haas, also known as Dale Haas, also				1 20 1 7 2022
known as M. Dale Haas, a married man dealing in his				_ WV Department of
sole and separate property Shelby Allison Haley, a single woman	SWN Production Company, LLC SWN Production Company, LLC	15.00% 15.00%	1123/203 1126/80	Environmental Protection
Bailey Michael Hall, also known as Bailey Hall, a single	•			
man Brian Lee Hall, also known as Brian Hall, a married	SWN Production Company, LLC	15.00%	1130/22	
man dealing in his sole and separate property		45 000/	4126/17	
	SWN Production Company, LLC	15.00%	1126/17	
Kristal Hall, a widow and not remarried Ruth Reynolds Hampson, a married woman dealing in	SWN Production Company, LLC	15.00%	1130/8	
her sole and separate property	SWN Production Company, LLC	15.00%	1129/144	
Janice L. Hanes, also known as Janice Hanes, a marrie woman dealing in her sole and separate property	d SWN Production Company, LLC	15.00%	1106/198	
Shelley Haney, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1126/87	
Kimberly Michelle Harper, also known as Kimberly				
Harper, also known as Kim Harper, a single woman Mark Timothy Harr, also known as Mark Timothy Hor a married man dealing in his sole and separate	SWN Production Company, LLC r,	15.00%	1128/29	
property	SWN Production Company, LLC	15.00%	1122/404	
Steve Alan Harr, also known as Steve Alan Horr, a married man dealing in his sole and separate propert	y SWN Production Company, LLC	15.00%	1121/576	
Amber Harrington, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1130/15	
Debra F. Hickman, also known as Debra Faye Hickman, a married woman dealing in her sole and			****	
separate property Anna Louise Hunt, formerly known as Anna Louise	SWN Production Company, LLC	15.00%	1125/714	
Reynolds, a widow and not remarried Nikki Jo Hunter, formerly known as Nikki Jo Victor and		15.00%	1119/1	
Scott Hunter, wife and husband Sharon Jean Jones, formerly known as Sharon Jean	SWN Production Company, LLC	15.00%	1129/696	
Reynolds, a widow and not remarried	SWN Production Company, LLC	15.00%	1107/460	
Dorothy Marie Kile, also known as Dorothy M. Kile, a widow and not remarried	SWN Production Company, LLC	15.00%	1125/443	
Misty Lynn Landefeld, formerly known as Misty Lynn Reynolds, a married woman dealing in her sole and				
separate property	SWN Production Company, LLC	15.00%	1112/177	
Linda D. Leonclili, a single woman	SWN Production Company, LLC	15.00%	1130/1	
Louis Emil Leoncilli and Mary Leoncilli, husband and wife	SWN Production Company, LLC	15.00%	1129/724	
Rebekah Leoncilli, also known as Rebekah Leoncelli, a single woman		15.00%	1129/717	
Connie Sue Leshuk, formerly known as Connie Sue				
Ballard, formerly known as Connie Sue Reynolds, a divorced woman and not remarried	SWN Production Company, LLC	15.00%	1114/125	
Howard Junior Littleton and Doris Ann Littleton, husband and wife	SWN Production Company, LLC	15.00%	1125/707	
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Claudia Ann Lucas, formerly known as Claudia Ann				
Crow, formerly known as Claudia Ann Renforth, formerly known as Claudia Ann Schultz, formerly				
known as Claudia Ann Connor amd Jeffrey Allen Lucas	•			
wife and husband	SWN Production Company, LLC	15.00%	1129/130	
Donald R. Lyons and Vickie R. Lyons, husband and wife Burma Lee McCombs, also known as Burma L.	SWN Production Company, LLC	15.00%	1126/136	
McCombs, a widow and not remarried	SWN Production Company, LLC	15.00%		
Patrick D. McCue, a single man	SWN Production Company, LLC	15.00%	1121/56	
Donald E. McIntire, also known as Donald Eugene McIntire, a divorced man and not remarried	SWN Production Company, LLC	15.00%	1121/696	
Richard Allan McIntire, also known as Richard Allen McIntire, a married man dealing in his sole and				
separate property MaryLouise Kristine Philomena Metz, also known as	SWN Production Company, LLC	15.00%	1129/109	
Mary Lou Metz, a single woman	SWN Production Company, LLC	15.00%	1128/1	
Tammy Rachel Marie Metz, also known as Tammy R. Metz, a single woman	SWN Production Company, LLC	15.00%	1127/743	
Catherine Jean Miller, also known as Catherine Jean				
Harr, also known as Catherine Jean Horr, also known				
as Catherine Jean Bisson, a divorced woman and not remarried	SWN Production Company, LLC	15.00%	1122/411	
Michele L. Mills, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1118/322	
Irvin Leroy Moren, a widower and not remarried	SWN Production Company, LLC	15.00%	1128/43	RECEIVED Office of OI & Gas
Mona Lee Morse and Charles J. Morse, Jr., wife and husband	SWN Production Company, LLC	18.00%	1123/210	
Victoria S. Musselman, also known as Victoria Sue Musselman	SWN Production Company, LLC	15.00%	1117/202	FEB 17 2022
	SVVN Production Company, LLC	13.00%	1117/202	MAY Donoster 1
Shelley to Moore Mysliwiec, also known as Shellie to Moore Mysliwiec, a married woman dealing in her				WV Department of Environmental Protection
sole and separate property Rodger L. Nawman, II, a married man dealing in his	SWN Production Company, LLC	15.00%	1119/50	
sole and separate property	SWN Production Company, LLC	15.00%	1114/552	
Scott Reynolds Nawman, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1112/641	
Linda F. Nicholson, also known as Linda Nicholson and				
Gary R. Nicholson, wife and husband	SWN Production Company, LLC	18.00%	1128/343	
Adam Nickolich, a divorced man and not remarried Melva Ann Norris, formerly known as Melva Ann Rose	SWN Production Company, LLC	15.00%	1129/731	
formerly known as Melva Ann Drobrzynski, formerly				
known as Melva Ann Metz, a widow and not remarried	SWN Production Company, LLC	15.00%	1108/207	
Shirley M. Pastre, also known as Shirley Pastre and				
Vincent J. Pastre, wife and husband	SWN Production Company, ELC	15.00%	1126/38	
Evelyn Lillian Phillippi, also known as Evalyn Lelia Evan				
Phippie, a widow and not remarried Charles Douglas Pletcher, II, also known as Charles	SWN Production Company, LLC	15.00%	1113/1	
Douglas Pletcher, a married man dealing in his sole				
and separate property	SWN Production Company, LLC	15.00%	1119/458	
Jessee Pletcher, a widow and not remarried Meirose Jane Pletcher, formerly known as Meirose	SWN Production Company, LLC	15.00%	1119/472	
Dougherty, a divorced woman and not remarried		45 000/	1112/0	
	SWN Production Company, LLC	15.00%	1113/8	
Sheila Arlene Powell, formerly known as Sheila Arlene Reynolds, a widow and not remarried	SWN Production Company, LLC	15.00%	1119/430	
Susan Pratt, formerly known as Susan Lyons, a	SWA Floodelion Company, LLC	13.00%	1113,430	
married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	1129/102	
Arthur V. Reynolds, a single man	SWN Production Company, LLC	17.00%	1129/123	
Burt Randolph Reynolds, a married man dealing in his				
sole and separate property Carl Edwin Reynolds, a married man dealing in his sole	SWN Production Company, LLC	15.00%	1116/598	
and separate property	SWN Production Company, LLC	15.00%	1123/562	į.
Charles Foster Reynolds, Jr., also known as Charles Reynolds, Jr., a married man dealing in his sole and				İ
separate property	SWN Production Company, LLC	15.00%	1114/175	
Charles K. Reynolds, also known as Charles Kenneth	Child Denduction Comment		1106/45	
Reynolds and Virginia L. Reynolds, husband and wife Donald J. Reynolds, a married man dealing in his sole	SWN Production Company, LLC	15.00%	1126/45	
and separate property	SWN Production Company, LLC	15.00%	1116/605	1

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Eva D. Reynolds, formerly known as Eva D. Kotopka, a widow and not remarried	SWN Production Company, LLC	15.00%	1114/139	
Floyd Wayne Reynolds, a divorced man and not remarried	SWN Production Company, LLC	15.00%	1117/195	
Genevieve Lenore Reynolds, formerly known as Genevieve Lenore Phillips, a widow and not remarried	SWN Production Company LLC	15.00%	1123/224	
Harold Alan Reynolds, a married man dealing in his		15.00%	1112/170	
sole and separate property Kathy Sue Reynolds, formerly known as Kathy Sue	SWN Production Company, LLC			
Stimpert, a widow and not remarried Lewis Franklin Reynolds, a married man dealing in his	SWN Production Company, LLC	15.00%	1112/184	
sole and separate property	SWN Production Company, LLC	15.00%	1114/132	
Margie Ellen Reynolds, formerly known as Margie Ellen LaPlante, a widow and not remarried Mary Louise Reynolds, formerly known as Mary Louise	SWN Production Company, LLC	15.00%	1114/545	
Foster, a widow and not remarried Robert Eugene Reynolds, a married man dealing In his	SWN Production Company, LLC	16.00%	1118/308	
sole and separate property	SWN Production Company, LLC	15.00%	1119/465	
Robert L. Reynolds, Sr., also known as Robert Reynold and Marybell Reynolds, husband and wife Robert Rickey Reynolds, a married man dealing in his	s SWN Production Company, LLC	15.00%	1129/571	RECEIVED Office of Oil & Gas
sole and separate property	SWN Production Company, LLC	15.00%	1118/643	FEB 17 2022
Roger L. Reynolds, also known as Roger Reynolds and Melanie P. Reynolds, husband and wife	SWN Production Company, LLC	15.00%	1126/24	FED 1 1 4022
Scott J. Reynolds, also known as Scott Reynolds, a			•	_ WV Department of
married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1114/168	Environmental Protection
Shirley Jean Reynolds, formerly known as Shirley Jean		15.00%	1117/188	
Johnson, a widow and not remarried Terry Lee Reynolds, a married man dealing in his sole	SWN Production Company, LLC			
and separate property	SWN Production Company, LLC	15.00%	1128/50	
Timothy G. Reynolds, also known as Timothy Reynolds and Tamara A. Reynolds, husband and wife Wilbert Wayne Reynolds, a married man dealing in his	SWN Production Company, LLC	15.00%	1126/31	
sole and separate property	SWN Production Company, LLC	15.00%	1128/322	
Wilford Reynolds, Jr., a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1124/301	
Meri Rene Rockaway, a widow and not remarried	SWN Production Company, LLC	15.00%	1118/329	
Caleb M. Runtenelli, a single man Joshua A. Runtenelli, a married man dealing in his sole	SWN Production Company, LLC	15.00%	1112/536	
and separate property H. Glendon Rush, a married man dealing in his sole	SWN Production Company, LLC	15.00%	1107/584	-
and separate property	SWN Production Company, LLC	15.00%	1129/88	
Katherine Y. Russell, also known as Katherine Yvette Russell, formerly known as Katherine Y. Peterson,				j
formerly known as Katherine Y. Shores and Daniel P.	Charles Decidentias Comment 11 C	15.00%	1118/301	ļ
Russell, wife and husband	SWN Production Company, LLC			
Norman W. Ryan, a widower and not remarried	SWN Production Company, LLC	15.00%	1129/95	
Ronald Lee Sadler, Sr., a widower and not remarried	SWN Production Company, LLC	15.00%	1129/689	
Doris Joan Reynolds Schrader, also known as Doris Schrader and Bill Schrader, wife and husband Benjamin P. Shores and Kristen C. Shores, husband	SWN Production Company, LLC	15.00%	1129/564	
and wife Rhonda K. Simmons, formerly known as Rhonda K.	SWN Production Company, LLC	15.00%	1126/73	
Ezell, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1120/244	
Karen Sue Smith and James O. Smith, wife and husband	SWN Production Company, LLC	15.00%	1126/59	
Nancy Kay Solvey, a widow and not remarried	SWN Production Company, LLC	18.00%	1123/217	
Carla June Spears, formerly known as Carla June				
McCue, a divorced woman and not remarried Sonya Jean Strope, also known as Sonya Strope, a	SWN Production Company, LLC	15.00%	1123/548	
widow and not remarried Janet Lee Stuttler, formerly known as Janet Lee	SWN Production Company, LLC	15.00%	1127/15	
Gharm, a widow and not remarried Patricia Ann Taylor, a married woman dealing in her	SWN Production Company, LLC	15.00%	1116/495	
sole and separate property	SWN Production Company, LLC	15.00%	1128/8	Į.
Dean A. Thomas, also known as Dean Thomas, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1129/738	-

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Carole S. Tuttle and William Eugene Tuttle, wife and		18.00%	1128/336	
husband Stacey L. Vickers, formerly known as Stacey Burris, a	SWN Production Company, LLC	16.00%	1120/330	
married woman dealing in her sole and separate				
property	SWN Production Company, LLC	15.00%	1128/22	
Weigela J. Warden, also known as Sheila Warden, a widow and not remarried	SWN Production Company, LLC	15.00%	1126/66	
Nancy Carol Waugh, also known as Nancy C. Waugh,	STATE FIDURCION COMPANY, LLC	23.50.17		
formerly known as Nancy C. Stern, a widow and not				1
remarried	SWN Production Company, LLC	15.00%	1129/710	
Robert William Whiteside, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1118/315	
Cindy L. Wiles, formerly known as Cindy L. Allen, a				
married woman dealing in her sole and separate			4470/745	
property	SWN Production Company, LLC	15.00%	1128/315	
Patricia Lynn Wilson, formerly known as Patricia Lynn				
Taggart, a widow and not remarried	SWN Production Company, LLC	15.00%	1111/469	
Cynthia Louise Wiltshire, a married woman dealing in		15 000/	1127/726	
her sole and separate property Kevin Wimer and Sandra Lee Wimer, husband and	SWN Production Company, LLC	15.00%	1127/736	RECEIVED
wife	SWN Production Company, LLC	15,00%	1127/29	Office of Oil & Gas
Doris Jean Wimsatt, also known as D. Jean Wimsatt, a				555 7 2 door
widow and not remarried Christine M. Wood, formerly known as Christine	SWN Production Company, LLC	15.00%	1108/214	FEB 172 022
Matheny, a married woman dealing in her sole and				
separate property	SWN Production Company, LLC	15.00%	1125/154	WV Department of
				WV Department of Environmental Protection
Genevieve A. Young, a wildow and not remarried	SWN Production Company, LLC	15.00%	1119/43	
SWN Production Company, LLC	FEE INTEREST		1130/53	İ
SWN Production Company, LLC	FEE INTEREST		1130/47	
SWN Production Company, LLC	FEE INTEREST		1130/49	1
SWN Production Company, LLC	FEE INTEREST		1130/57 1130/55	
SWN Production Company, LLC	FEE INTEREST		1130/55	
SWN Production Company, LLC	FEE INTEREST		1130/31	
SWN Production Company, LLC SWN Production Company, LLC	FEE INTEREST FEE INTEREST		1130/45	
Miranda L. Ackerman	FEE MIERCOI		OPEN	
Thelma Akers			OPEN	
Stephen A. Barrett			OPEN	
Troy E. Barrett			OPEN	
Angela McRee Beck			OPEN	
Debra J. Beechler			OPEN	
Charles Boardman, Jr.			OPEN	
Noah Boardman			OPEN	•
Ronnie Boardman			OPEN	
Claudie Lynn Bragg			OPEN	
Monica S. Leoncilli Brawdy			OPEN	
Marsha K. Brestle			OPEN	
Kathleen Brown			OPEN	
Lori Brown			OPEN	
Bryce Burris			OPEN	
Parker Burris			OPEN	
Reed Burris			OPEN	
Scott Andrew Burris			OPEN	
Judy Castro			OPEN	
Benjamin Clearwater			OPEN	
Mark A. Clearwater			OPEN	
Thomas David Conaway, Jr. Joel Jean Coyler			OPEN	
Carl Leo Dawes			OPEN	
Larry Dayton			OPEN OPEN	
Kristen LeeAnne Dilly			OPEN	
Christopher Lee Dilly, Jr.			OPEN	ì
Jaxson Dilly			OPEN	1
Damon Dilly			OPEN	ł
Alyssa Dilly			OPEN	i
Stephen David Dilly			OPEN	l
Ryan Michael Dilly			OPEN	l
Kaitlyn Dilly			OPEN	l
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Denny Joseph Donnersberg			OPEN	l
Debra Lee McCombs Downs			OPEN	i
Kimberly Alaine Hare McRoy Eaton			OPEN	ĺ

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Kevin Randolph Evans	OPEN	
Faith United Church of Christ	OPEN	
(Indianapolis, IN) Heather A. McRoy Fee	OPEN	
Melanie Fuller	OPEN	
Bille Dewayne Gentry, Sr. Heirs	OPEN	
Richard R. Goeldi	OPEN	Ì
Jayme K. Shores Gubartalla	OPEN	
Carol Ruth Triplett Hackenbracht	OPEN	Į.
Brayden Hall	OPEN	(
Kaltiyn Hali	OPEN	
Darlena Kay Hansel	OPEN	
Ken Harris	OPEN	
Richard Harris	OPEN	RECEIVED Office of Oil & Gas
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Hillside Avenue Church of God	OPEN	=== 1 == 0000
Darla Louise Hineman	OPEN	FEB 17 2022
Marian B. McNeeley Howard	OPEN	
Susan Kay Hyndman	OPEN	WV Department of
Jerramy Kyle Johnson	OPEN	Environmental Protection
Lawrence Johnson	OPEN	
Joan Marie McRoy Kasper	OPEN	
Ernest Kennedy Jr., III	OPEN	1
Elizabeth Eleanor Thomas LaValley	OPEN	1
Kimberly Ann Warden Lilley	OPEN	
Patricia Kay McCombs Lilley	OPEN OPEN	
David L. Long	OPEN	
Michael R. Lyons Susan K. Sanders Majors	OPEN	
Kathleen Joy Martin	OPEN	
Melody A. McRoy Mattson	OPEN	
Ward Douglas Maurer	OPEN	
Maria Rae Price Maust	OPEN	
Valerie Lynn Maurer Mawi	OPEN	•
David Mark McCombs	OPEN	
Douglas Ray McCombs	OPEN	
Joy Adele Winters McDonnell	OPEN	
Margaret Hyndman McKeon	OPEN	
David Lawrence McRee	OPEN	
Deward McRee	OPEN	•
Joshua McRee	OPEN	
Kenneth Lee McRee, Jr.	OPEN	
Michael T. McRee	OPEN	
Robert McRee	OPEN	
Sara McRee	OPEN	
Shaylee McRee	OPEN	
Timothy Charles McRee	OPEN	
William G. McRee Testamentary Trust	OPEN	
Aaron McRoy	OPEN	
Craig Joseph McRoy	OPEN	
Jeffrey Dean McRoy, II	OPEN	
Nicole L McRoy	OPEN	
Russell J. McRoy	OPEN	1
Wesley McRoy	OPEN	ì
Sara Joy Meyer	OPEN	1
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Robert James Mitchell	OPEN	;
Roy Mitchell	OPEN	1
Samantha Mitchell	OPEN	l
Christopher S. Modglin	OPEN	
David Bradley Schuck Modglin	OPEN	į
Joseph Shane Modglin	OPEN	1
John William Moren	OPEN	1
Loretta Ann Leoncilli Nagy	OPEN	1
Karen t. Ryan Seibold Ordway	OPEN	
Daniel Eugene Patterson	OPEN	1
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	rs of Roy Veral Reynolds, Jr.			OPEN	FEB 17 2 022
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	ana J. Thomas			OPEN	
	ald Lee Thomas			OPEN	
	ia Mae Reynolds Fry Trexler			OPEN	
	ver C. Triplet also known as Denver C. Triplett				·
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	es Lee Triplet, Jr. also known as James Lee Triplett,			OPEN	
Jr. John	n C. Triplet also known as John C. Triplett			OPEN	
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a	nin Cun Danthalaus Callius 7			OPEN	j
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	nk Joseph Zito			OPEN	
	Lough and Belva Lough, his wife; F.H. Lough,	The Manufacture Help and Co.	12 500	272/181	0.000
• •	ower; Vera Rogerson, widow; Ethel Newman and the Newman, her husband; and Berta Pipes, widow	The Manufacturers Light and Heat Company	12.50%	342/297	0.00%
LIGH					
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	Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204 643/391	
Colu	Manufacturers Light and Heat Company imbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
Colu: Colu:	Manufacturers Light and Heat Company imbia Gas Transmission Corporation imbia Natural Resources, LLC	Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C.		642/281 650/63	
Colu Colu Ches	Manufacturers Light and Heat Company Imbia Gas Transmission Corporation Imbia Natural Resources, LLC sapeake Appalachia, LLC	Columbia Natural Resources, LLC		642/281	-
Colu Colu Ches Ray I p/o 7-10-18 wido	Manufacturers Light and Heat Company imbia Gas Transmission Corporation imbia Natural Resources, LLC sapeake Appalachia, LLC Lough and Belva Lough, bis wife; F.H. Lough, ower; Vera Rogerson, widow; Ethel Newman and	Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C.	12.50%	642/281 650/63 33/110 272/181	0.00%
Colu Colu Ches Ray I p/o 7-10-18 wido	Manufacturers Light and Heat Company Imbia Gas Transmission Corporation Imbia Natural Resources, LLC Sapeake Appalachia, LLC Lough and Belva Lough, his wife; F.H. Lough,	Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	642/281 650/63 33/110	0.00%
Colu Colu Ches Ray I p/o 7-10-18 wido Frant	Manufacturers Light and Heat Company Imbia Gas Transmission Corporation Imbia Natural Resources, LLC Isapeake Appalachia, LLC Lough and Belva Lough, his wife; F.H. Lough, Iwer; Vera Rogerson, widow; Ethel Newman and Isk Newman, her husband; and Berta Pipes, widow	Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	642/281 650/63 33/110 272/181	0.00%
Colu Colu Ches Ray I p/o 7-10-18 wido Frant	Manufacturers Light and Heat Company Imbia Gas Transmission Corporation Imbia Natural Resources, LLC Isapeake Appalachia, LLC I Lough and Belva Lough, his wife; F.H. Lough, I wer; Vera Rogerson, widow; Ethel Newman and I	Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC The Manufacturers Light and Heat Company	12.50%	642/281 650/63 33/110 272/181 342/297	0.00%

		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	p/o 7-10-18	Ray Lough and Belva Lough, his wife; F.H. Lough, widower; Vera Rogerson, widow; Ethel Newman and Frank Newman, her husband; and Berta Pipes, widow	The Manufacturers Light and Heat Company	12.50%	272/181 342/297	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 Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
11	7-10-18.1	Ray Lough and Belva Lough, his wife; F.H. Lough, widower; Vera Rogerson, widow; Ethel Newman and Frank Newman, her husband; and Berta Pipes, widow	The Manufacturers Light and Heat Company	12.50%	272/181 342/297	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 Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
12	N/A	Ray Lough and Belva Lough, his wife; F.H. Lough, widower; Vera Rogerson, widow; Ethel Newman and Frank Newman, her husband; and Berta Pipes, widow	The Manufacturers Light and Heat Company	12.50%	272/181 342/297	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 Natural Resources, LLC	Chesapeake Appalachia, LLC.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
13	p/o 7-10-18.4	Ray Lough and Belva Lough, his wife; F.H. Lough, widower; Vera Rogerson, widow; Ethel Newman and Frank Newman, her husband; and Berta Pipes, widow	The Manufacturers Light and Heat Company	12.50%	272/181 342/297	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 Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	p/o 7-10-18.4	Ray Lough and Belva Lough, his wife; F.H. Lough, widower; Vera Rogerson, widow; Ethel Newman and Frank Newman, her husband; and Berta Pipes, widow	The Manufacturers Light and Heat Company	12.50%	272/181 342/297	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 Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
14	07-10-22	Ray Lough and Belva Lough, his wife	The Manufacturers Light and Heat Company	12.50%	417/284B 421/1	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 Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
15	07-10-23	Julia Mackey, single; Anna Mackey, single; Lureta Mackey Rupp and W.W. Rupp, her husband; Melvin L. Mackey and Theora W. Mackey, his wife; B.F. Mackey and Gertrude A. Mackey, his wife; Hazel Mackey McCracken and G.D. McCracken, her husband; W.K.		12.50%	272/241	0.00%
		Mackey and Hilda Mackey, his wife				
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
16	07-10-23.1	Julia Mackey, single; Anna Mackey, single; Lureta Mackey Rupp and W.W. Rupp, her husband; Melvin L. Mackey and Theora W. Mackey, his wife; B.F. Mackey and Gertrude A. Mackey, his wife; Hazel Mackey McCracken and G.D. McCracken, her husband; W.K. Mackey and Hilda Mackey, his wife		12.50%	272/241	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 Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
17	7-10-24	Ralph E. Williams, a married man deal in his sole and separate property*	Chesapeake Appalachia, LLC	12.50%	658/484	0.00%
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		D. Vane Starkey, a widower Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	659/62 33/110	RECEIVE Office of Oil
		Delmar W. Williams and Mary Lou Williams, his wife	Chesapeake Appalachia, LLC	12.50%	659/197	
		Denner 11. 11monts and mary LDU Willams, his wile	encropeane appaiatilla, LLC	A2.3UR		FEB 17 20

_					1	1
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	Howard E. Williams, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	659/200		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	Alma O. Pierce, a widow	Chesapeake Appalachia, LLC	12.50%	659/206		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
i	James L. Mercer and Elsie J. Mercer, his wife	Chesapeake Appalachia, LLC	12.50%	659/382		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	Guy Buzzard, single	Chesapeake Appalachia, LLC	12.50%	668/414		
1	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	Nile L. Williams, a married man dealing in his sole and	Chesapeake Appalachia, LLC	12.50%	666/172		
	separate property	SWN Production Company, LLC		33/110		
	Chesapeake Appalachia, LLC Larry C. Williams, a married man dealing in his sole	• •				
	and separate property	Chesapeake Appalachia, LLC	12.50%	666/168		
ł	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	Elnor M. Horner, a/k/a Elnor Marie Horner, a widow	Chesapeake Appalachia, LLC	12.50%	690/260		
		SWN Production Company, LLC		33/110	DECE	/ED
	Chesapeake Appalachia, LLC Pearl Lough, formerly known as Pearl Williams, a	• •			RECE! Office of C	ii & Gae
į.	widow	Chesapeake Appalachia, LLC	12.50%	692/397		. a cas
ł	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	FEB 17	2022
	Harry E. Johnson, Sr., a widower	Chesapeake Appalachia, LLC	12.50%	693/562	, 25 2	-0
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	MA Dansey	
	A. Jane Davis, a married woman dealing in her sole	Chesapeake Appalachia, LLC	12.50%	693/558	WV Depart Environmental	ment of
	and separate property			33/110	ionnemai	Liniection
	Chesapeake Appalachia, LLC Sandra K. Dodd, also known as Sandy K. Dodd, a single	SWN Production Company, LLC				
	woman	Chesapeake Appalachia, LLC	12.50%	698/363		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	William G. Withers, III, a married man dealing in his	Chesapeake Appalachia, LLC	12.50%	698/366		
	sole and separate property			33/110		
	Chesapeake Appalachia, LLC Karon Sue Vallee, also known as Karen Sue Vallee, a	SWN Production Company, LLC				
İ	widow	Chesapeake Appalachia, LLC	12.50%	695/195		
Ĭ	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	Donald L. Withers, a married man dealing in his sole	Chesapeake Appalachia, LLC	12.50%	695/203		
	and separate property			33/110		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC				
	Chestnut Holdings, Inc., a Florida corporarion	Chesapeake Appalachia, LLC	17.00%	725/295		
	Chesapeake Appalachla, LLC	SWN Production Company, LLC		33/110		
	O.W. Young, also known as Orville W. Young, single	Chesapeake Appalachia, LLC	17.00%	732/406		
1		SWN Production Company, LLC		33/110		
	Chesapeake Appalachia, LLC Ronald Young, single	Chesapeake Appalachia, LLC	17.00%	747/528		
	Chesapeake Appalachla, LLC	SWN Production Company, LLC	17.50%	33/110		
		SWW Floodetion Company, LCC		33/115		
	Julia Mackey, single; Anna Mackey, single; Lureta					
į	Mackey Rupp and W.W. Rupp, her husband; Melvin L. Mackey and Theora W. Mackey, his wife; B.F. Mackey					
18 N/A	and Gertrude A. Mackey, his wife; Hazel Mackey	The Manufacturers Light and Heat Company	12.50%	272/241	0.00%	
	McCracken and G.D. McCracken, her husband; W.K.					
	Mackey and Hilda Mackey, his wife					
	The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204		
1	Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281		
	Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63		
 	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
ţ	James M. Rine and Mary B Rine, his wife; and Frank	E. C. Beardsley	12.50%	137/429		
	Hopkins and Austia M. Hopkins, his wife	E. C. OCOI VANCI	44.00.0	201, 120		
	E. C. Beardsley	The Wheeling Natural Gas Company		150/49		
	The Wheeling Natural Gas Company	The Manufacturers Light and Heat Company		148/389		
	The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204		
	Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281		
	Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	Ralph E. Williams, a married man deal in his sole and		12 500			
	separate property*	Chesapeake Appalachia, LLC	12.50%	658/484		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	D. Vane Starkey, a widower	Chesapeake Appalachia, LLC	12.50%	659/62		
1	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
	Delmar W. Williams and Mary Lou Williams, his wife	Chesapeake Appalachia, LLC	12.50%	659/197		
	Delmar W. Williams and Mary Lou Williams, his wife Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	659/197 33/110		

		Howard E. Williams, a married man dealing in his sole	Chesapeake Appalachia, LLC	12.50%	659/200	
		and separate property	,		33/110	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC	12.50%	659/206	
		Alma O. Pierce, a widow	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	33/110	
		Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC	12.50%	659/382	
		James L. Mercer and Elsle J. Mercer, his wife Chesapeake Appalachia, LLC	SWN Production Company, LLC	12.50%	33/110	
			Chesapeake Appalachia, LLC	12.50%	668/414	
		Guy Buzzard, single Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Nile L. Williams, a married man dealing in his sole and		12.50%	666/172	
		separate property Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Larry C. Williams, a married man dealing in his sole	Chesapeake Appalachia, LLC	12.50%	666/168	
		and separate property Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		•	• •	12.50%	690/260	
		Elnor M. Horner, a/k/a Elnor Marie Horner, a widow	Chesapeake Appalachia, LLC	12.30%	•	
		Chesapeake Appalachia, LLC Pearl Lough, formerly known as Pearl Williams, a	SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 692/397	
		widow	• • • • • • • • • • • • • • • • • • • •		33/110	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC	42 500	53/110 693/562	}
		Harry E. Johnson, Sr., a widower	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	33/110	1
		Chesapeake Appalachia, LLC A. Jane Davis, a married woman dealing in her sole	• •			
		and separate property	Chesapeake Appalachia, LLC	12.50%	693/558	1
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Sandra K. Dodd, also known as Sandy K. Dodd, a single woman	Chesapeake Appalachia, LLC	12.50%	698/363	RECEIVED
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	Office of Oil & Gas
		William G. Withers, III, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	698/366	EED 17 2022
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	FEB 1 7 2 0 22
		Karon Sue Vallee, also known as Karen Sue Vallee, a widow	Chesapeake Appalachia, LLC	12.50%	695/195	WV Department of
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	Environmental Protectio
		Donald L Withers, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	695/203	J. J. J. J. J. J. J. J. J. J. J. J. J. J
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Chestnut Holdings, Inc., a Florida corporarion	Chesapeake Appalachia, LLC	17.00%	725/295	•
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		O.W. Young, also known as Orville W. Young, single	Chesapeake Appalachia, LLC	17.00%	732/406	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Ronald Young, single	Chesapeake Appalachia, LLC	17.00%	747/528	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
19	7-16-29.3	James M. Rine and Mary B Rine, his wife; and Frank Hopkins and Austia M. Hopkins, his wife	E. C. Beardsley	12.50%	137/429	0.00%
		E. C. Beardsley	The Wheeling Natural Gas Company		150/49	
		The Wheeling Natural Gas Company	The Manufacturers Light and Heat Company		148/389	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	1
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	}
		Chesapeake Appalachla, LLC	SWN Production Company, LLC		33/110	
20	7-16-28	Tierra Oil Company, also known as Tierra Oil Company, LLC	Chesapeake Appalachia, LLC	17.00%	795/4	0.00%



SWN Production Company, LLC

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

December 6, 2021

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

RE: SWN's proposed New Well: Charles Jamison MSH 606H in Marshall County, West Virginia, Drilling under Cameron Ridge Road, Consol Lane, Fish Ridge Road, and Grapevine 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 Cameron Ridge Road, Consol Lane, Fish Ridge Road, and Grapevine 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,

Name

Title

SWN Production Company, LLC

PRECEIVED
Office of Oil and Cas

JAN 3 1 2

Environmental Protection

RE NY+°

The Right People doing the Right Thinge, wisely Investos/Investor/

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

API No. 47- 051

Date of Notic	ce Certification:	_	API No. 47- <u>051</u>				
			Operator's Well No. Charles Jamison MSH 606H				
			Well Pad	Name: Charles	Jamison MSH		
Notice has l							
		ode §	22-6A, the Operator has provided the re	equired parties v	vith the Notice Forms listed		
	tract of land as follows:						
State:	West Virginia		UTM NAD 83 Easting:	533,582.713			
County:	051-Marshall		Northing:				
District:	Liberty		Public Road Access:	Grapevine Ridge	Road		
Quadrangle:	Cameron		Generally used farm name:	Charles Jamison			
Watershed:	Maggoty Run						
it has provide information reof giving the requirements Virginia Code	ed the owners of the surface de- equired by subsections (b) and (c surface owner notice of entry to of subsection (b), section sixtee	scrite), se o su en o all t	hall contain the following information: (bed in subdivisions (1), (2) and (4), su ction sixteen of this article; (ii) that the receive pursuant to subsection (a), section f this article were waived in writing beender proof of and certify to the secretarit.	bsection (b), sec requirement was ten of this arti the surface ov	ction ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice wner; and Pursuant to West		
that the Ope	West Virginia Code § 22-6A, the rator has properly served the req		erator has attached proof to this Notice d parties with the following:	Certification	OOG OFFICE USE ONLY		
☐ 1. NO	TICE OF SEISMIC ACTIVITY	or	■ NOTICE NOT REQUIRED BECASEISMIC ACTIVITY WAS CONDU		☐ RECEIVED/ NOT REQUIRED		
■ 2. NO	TICE OF ENTRY FOR PLAT SU	URV	YEY or NO PLAT SURVEY WAS	CONDUCTED	□ RECEIVED		
■ 3. NO	TICE OF INTENT TO DRILL	or	NOTICE NOT REQUIRED BECANOTICE OF ENTRY FOR PLAT SUI WAS CONDUCTED or	RVEY	☐ RECEIVED/ NOT REQUIRED		
			☐ WRITTEN WAIVER BY SURF. (PLEASE ATTACH)	ACE OWNER			
■ 4. NO	TICE OF PLANNED OPERATION	NC			☐ RECEIVED		
■ 5. PUE	BLIC NOTICE		REC Office of	CEIVED Oil and Gas	☐ RECEIVED		
■ 6. NO	TICE OF APPLICATION		JAN 3	1 2022	□ RECEIVED		
Doguired A	ttochmants:		Environment	rtment of al Protection	<u> </u>		

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.

By:

Certification of Notice is hereby given:

THEREFORE, I Britany 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

Brittany Woody

Its: Senior Regulatory Analyst

Telephone: 304-884-1610

Address: 1300 Fort Pierpont Dr., Suite 201

Morgantown, WV 26508

Facsimile: 304-884-1690

Email: Brittany_Woody@swn.com

NOTA JUSTIN BOOTH

Notary Public Official Seal

State of West Virginia

My Comm. Expires Mar 1, 2022

749 Richwood Ava Apt 5 Morgantown WV 26505

Subscribed and sworn before me this 14th day of DECEMBEN 2022

Notary Public

My Commission Expires 3/1/2022

Oil and Gas Privacy Notice:

WW-6A (9-13)

API N4. 77-0515 1 0 2 4 3 6 OPERATOR WELL NO. Charles Jamison MSH Well Pad Name: Charles Jamison MSH

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

	ice Time Requirement: notice e of Notice: 1 27 22 Date P		than the filing date of permit application. $1/3//22$	
	e of Notice: The Date Pice of:	ermit Application Filed; _	(1-2/8-	
V	PERMIT FOR ANY	☐ CERTIFICATE OF A	PPROVAL FOR THE	
	WELL WORK		F AN IMPOUNDMENT OR PIT	
Del	ivery method pursuant to We	est Virginia Code § 22-6A-	10(b)	
	PERSONAL REG	GISTERED	THOD OF DELIVERY THAT REQUIRES A	
	SERVICE MA	IL REC	EIPT OR SIGNATURE CONFIRMATION	
sedii the so oil a desco oper more well importante proven	ment control plan required by securface of the tract on which the surface of the tract on which the and gas leasehold being developed in the erosion and sedimentator or lessee, in the event the true coal seams; (4) The owners of work, if the surface tract is to be boundment or pit as described in sea water well, spring or water suride water for consumption by he bosed well work activity is to tak section (b) of this section hold in reds of the sheriff required to be reision of this article to the contral e R. § 35-8-5.7.a requires, in pa	ection seven of this article, and well is or is proposed to be lead by the proposed well work and control plan submitted pure fact of land on which the well record of the surface tract or e used for the placement, consection nine of this article; (5 apply source located within or umans or domestic animals; as the place. (c)(1) If more than the terests in the lands, the applimaintained pursuant to section art, that the operator shall also	of or signature confirmation, copies of the application, the difference of the surface tract of the surface tract of the surface tract of the surface tract is to be used for roads or other land suant to subsection (c), section seven of this article; (3) proposed to be drilled is located [sic] is known to be untracts overlying the oil and gas leasehold being develop struction, enlargement, alteration, repair, removal or ab.) Any surface owner or water purveyor who is known to be thousand five hundred feet of the center of the well pand (6) The operator of any natural gas storage field with the tenants in common or other co-owners of interests of cant may serve the documents required upon the person in eight, article one, chapter eleven-a of this code. (2) Note that the desired the well site of the well grow the total and owner, unless the lien holder is the large provided in section 15 of this rule.	owners of record of tracts overlying the disturbance as The coal owner, inderlain by one or ed by the proposed andonment of any of the applicant to ad which is used to all which the described in described in the otwithstanding any indowner. W. Va.
Ø A	application Notice WSSP	Notice DE&S Plan Noti	ce Well Plat Notice is hereby provided to:	
	JRFACE OWNER(s)		☑ COAL OWNER OR LESSEE	
	ne: Charles Jamison & Jean Jamison		Name: Murray Energy Attn: Mason Smith	÷
	ress: 90 Liberty St		Address: 46226 National Road	-
-	e, OH 44273		St. Clairsville, OH 43950	-
1.00000	ne; Mitchell Zwick		COAL OPERATOR	A
	ress: 911 Hillcrest Drive		Name: McElroy Mine/Marshall County Mine	Office of Oil and Gas
-	bans, WV 25177	U Od Bird	Address:	- Oil and Gas
	JRFACE OWNER(s) (Road ar		ESTINE OF OUR IER OF WATER WELL	JAN 3 1 2022
Nan	ne:		☑ SURFACE OWNER OF WATER WELL	0 2 2022
Add	ress:		AND/OR WATER PURVEYOR(s)	nviron Department
31			Name: See Attachment 13A	WV Department of nvironmental Protection
	ie:		Address:	-
Add	ress:			
	IDE LOE OWNERS AND	1 Division	OPERATOR OF ANY NATURAL GAS STOR	RAGE FIELD
_	JRFACE OWNER(s) (Impoun	Control of the Contro	Name: TC Energy Atm: Garrett Word	
Nam			Address: Houston Office Bank of America 700 Louisiana St	_
Add	ress:		Houston, TX 77002	
			*Please attach additional forms if necessary	

WW-6A (9-13) API NO. 44-7590 5 1 0 2 4 3 6
OPERATOR WELL NO. Charles Jamison MSH 606H
Well Pad Name: Charles Jamison MSH

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

Not	ice Time Requirem	ent: notice shall be prov	ided no later the	an the filing date of permit applicat	ion.	
Dat	e of Notice:	Date Permit Applica	tion Filed:			
Not	ice of:					
V	PERMIT FOR AN			PROVAL FOR THE AN IMPOUNDMENT OR PIT		
Del	ivery method pursu	ant to West Virginia C	ode § 22-6A-10	0(b)		
	PERSONAL	☑ REGISTERED	П мете	OD OF DELIVERY THAT REQUI	RESA	
	SERVICE	MAIL		IPT OR SIGNATURE CONFIRMA		
oil a desc oper mor well impo have prov prop subs reco prov Cod	and gas leasehold being tribed in the erosion a rator or lessee, in the erosion are to record seams; (4) The work, if the surface to be a water well, spring ride water for consumposed well work activated of the sheriff requision of this article to e R. § 35-8-5.7.a req	ag developed by the propound sediment control planse event the tract of land on a cowners of record of the stract is to be used for the pscribed in section nine of or water supply source looption by humans or dome ity is to take place. (c)(1) I ion hold interests in the latired to be maintained pure the contrary, notice to a luires, in part, that the open	sed well work, it submitted pursua which the well purface tract or trablacement, constitutis article; (5) acated within one stic animals; and if more than three ands, the applicant suant to section ien holder is not rator shall also p	ated; (2) The owners of record of the s f the surface tract is to be used for road ant to subsection (c), section seven of a roposed to be drilled is located [sic] is acts overlying the oil and gas leasehold ruction, enlargement, alteration, repair, Any surface owner or water purveyor w thousand five hundred feet of the cent d (6) The operator of any natural gas st ee tenants in common or other co-owner ant may serve the documents required u eight, article one, chapter eleven-a of t to notice to a landowner, unless the lien provide the Well Site Safety Plan ("WS as provided in section 15 of this rule.	ds or other land of this article: (3) To known to be used theing develope to the tender of the well particle. The tender of the well particle. The tender of the tender of the person depondence of the land this code. (2) Notholder is the land	disturbance as the coal owner. derlain by one or d by the proposed indonment of any the applicant to d which is used to n which the escribed in described in the twithstanding any idowner. W. Va.
	Application Notice	☑ WSSP Notice ☑ E&	S Plan Notice	☑ Well Plat Notice is hereby pro	ovided to:	
	URFACE OWNER(s) /		☐ COAL OWNER OR LESSEE		
	ne: Ronnie E. Evans	/	_	Name: Consolidation Coal Company	1	
	ress: 3780 Grapevine Ric	ige	_	Address: 1000 Consol Energy Drive		
_	eron, WV 26033		_	Canonsburg, PA 15317		
	1e: Gail Zwick		_	☐ COAL OPERATOR		
Add	ress: 159 Edgington Lane	#15		Name:		
_	eling, WV 26003			Address:		Off RECENT
	URFACE OWNER((Road and/or Other Di	sturbance)			Office of Oil and Gas
Nan	ne;	3/1		☐ SURFACE OWNER OF WATE	R WELL	JAN 3 1 2022
Add	ress:			AND/OR WATER PURVEYOR(s	1	JAN 3 1 2022
			=	Name:		MALE
Nan	ie:		_	Address:	En	vironment
						W Department of vironmental Protection
			_	□ OPERATOR OF ANY NATURA	AL GAS STOR	AGE FIELD
T SI	JRFACE OWNER	(Impoundments or Pits	2	Name:		
Nan				Address		
			-	Address:		
Lud	. 033.		-	*Please attach additional forms if n	IPPPCESTV	

WW-6A (8-13)

APINO47-005-10243 OPERATOR WELL NO. CONTROL Jamilion MISH BER Well Pad Name: Charles Jamison 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 Colvery Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.god/edlon/graphy Ges JAN 3 I 2022 and-gas/pages/default.aspx.

Well Location Restrictions

Environment Department to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any negliging of water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within significant 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

API N. 77-0-15 1 0 2 4 3 6

OPERATOR WELL NO. Charles Jamison MSH 606H

Well Pad Name: Charles Jamison 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

W Dapar Confection

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

Time Limits and Methods for Filing Comments.

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

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

Comment Requirements

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

Disclaimer: All comments received will be placed on our web site 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) API N. 4. 7- 0, 5 1 0 2 4 3 6
OPERATOR WELL NO. Charles Jamison MSH 606H
Well Pad Name: Charles Jamison 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: 304-884-1690

Oil and Gas Privacy Notice:

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

JUSTIN BOOTH
Notary Public Official Seal
State of West Virginia
My Comm. Expires Mar 1, 2022
749 Richwood Ave Apt 5 Morganlows WV 26505

Subscribed and sworn before me this 4th day of DECEMBER 2021

Notary Public

My Commission Expires 3/4/2022

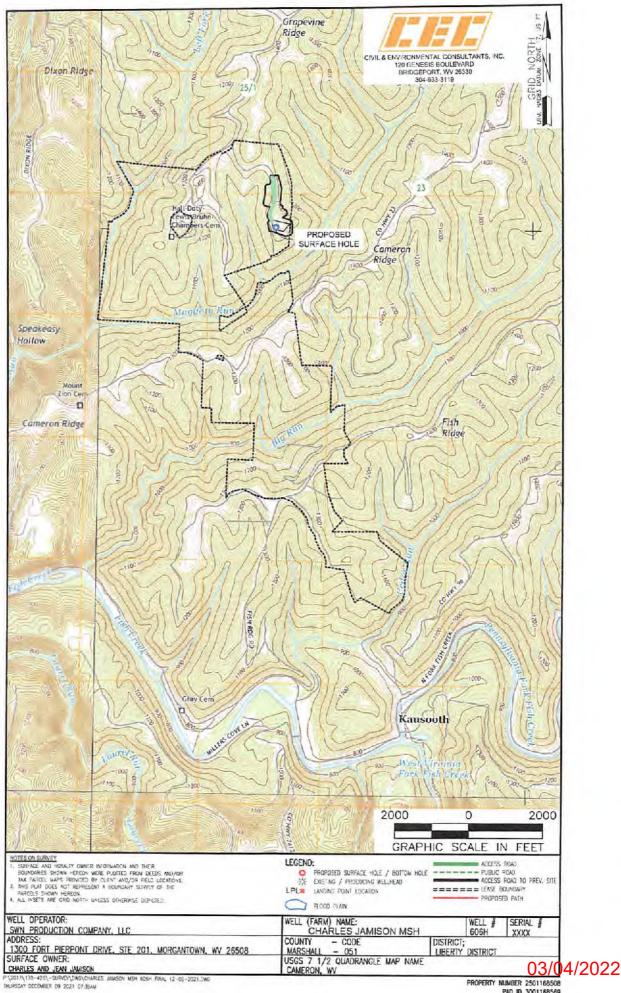
03/04/2022

Attachment 13

OWNER	ADDRESS	CITY_STATE_ZIP	WATERSOURCE
JAMISON CHARLES & JEAN	90 LIBERTY ST	SEVILLE, OH 44273	4







Operator Well No. Charles Jamison MSH

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

	Requirement: Notice shall be pr	rovided at least SEVEN (7) days but no more tha	n FORTY-FIVE (45) days prior to
entry Date of Noti	ce: 5/17/2018 Date of P	Planned Entry: 5/24/2018	
Delivery me	thod pursuant to West Virginia	Code § 22-6A-10a	
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SERVIC		METHOD OF DELIVERY THAT RE RECEIPT OR SIGNATURE CONFIR	
on to the sur- but no more beneath such owner of mir and Sedimen Secretary, when able the su	ace tract to conduct any plat survithan forty-five days prior to such tract that has filed a declaration perals underlying such tract in the Control Manual and the statutes nich statement shall include containace owner to obtain copies from), Prior to filing a permit application, the operator eys required pursuant to this article. Such notice sentry to: (1) The surface owner of such tract; (2) pursuant to section thirty-six, article six, chapter to county tax records. The notice shall include a stand rules related to oil and gas exploration and pot information, including the address for a web partitle secretary.	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the
	eby provided to:		
	CE OWNER(s)	COAL OWNER OR LE	
Address: 901	Jamison & Jean Jamison	Name: Consolidation Coal Company Address: 1000 Consol Energy Drive	
Seville, OH 44273		Canonsburg, PA 15317	
- 4			
		Name: Nancy Bentz	1
Name:		Address: 12 Forest Ave	
Address:		Rockville, MD 20850	
		*please attach additional forms if ne	cessary
	reby given:	notice is heavier about the surface of surf	
Pursuant to V a plat survey State: County:	Vest Virginia Code § 22-6A-10(a) on the tract of land as follows: West Virginia Marshall	Approx. Latitude & Longitude: Public Road Access:	operator is planning entry to conduct 30.792781, -80.608056 Grapevine Road CR 25/31
a plat survey State: County: District:	on the tract of land as follows: West Virginia	Approx. Latitude & Longitude:	39.792781, -80.608056
a plat survey State: County:	on the tract of land as follows: West Virginia Marshall	Approx. Latitude & Longitude: Public Road Access:	39.792781, -80.608056 Grapevine Road CR 25/31
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Oil and Gas Privacy Notice:

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

Notice Time entry	Requirement:	: Notice shall be prov	rided at least SEVEN (7) de	ays but no more tha	n FORTY-FIVE (45) days prior to
Date of Noti	ce: 4/18/2019	Date of Plan	nned Entry: 4/25/2019			
Delivery me	thod pursuant	to West Virginia C	ode § 22-6A-10a			
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	eby provided					
	CE OWNER(s)		. □ COA	L OWNER OR LE	SSEE	
Name: Ronnie		/		urray Energy Altn: Mason S	mith /	
	0 Grapevine Ridge		_	46336 National Road	1	
Cameron, WV 266			Saint Clairsv	lle, OH 43950		- RECEIVED
Name:			- III van	PDAL OUDEDAN		Office of Oil and Ga
Address:			The second secon	ERAL OWNER(s)	/	1441 0 -
Name:				ymond Bentz	/	_ JAN 3 I 2022
Address:			Address: Wyoming, MI	2724 Wyoming Ave. SW		
				ch additional forms if ne	cessarv	WV Department of Environmental Protecti
Pursuant to V	ereby given: Vest Virginia C on the tract of I	ode § 22-6A-10(a), n land as follows:	otice is hereby given that the	he undersigned welltude & Longitude:	operator is plannin	
County:	Marshall		Public Road	A 1	Grapevine Road CR 25/3	31
District:	Liberty		Watershed:		Upper Fish Creek	
Quadrangle:	Cameron		Generally us	ed farm name:	Charles Jamison	
may be obtain Charleston, V	ned from the Se VV 25304 (304	cretary, at the WV D 1-926-0450). Copies	Manual and the statutes are epartment of Environment of such documents or addi .wv.gov/oil-and-gas/pages/	al Protection headquitional information r	uarters, located at 6	01 57th Street, SE.
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Well Operato	reby given by	Y: TION COMPANY, LLC	Address:	466 P. 4 P.	i const	
	T. 400 TO T. 400	HON COMPANY, LLC	Address:	1300 Fort Pierpont Dr., Morgantown, WV26508		
l elephone:				MOLOSOLOWN, VVV2650E		
Telephone: Email:	304-884-1610 britteny_woody(Deun com	Facsimile:	304-884-1690		

Operator Well No. Charles Jamison MSH

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

entry Date of Notic	e: 4/18/2019 Date of Pla	nned Entry: 4/25/2019			
Delivery met	hod pursuant to West Virginia C	Code § 22-6A-10a			
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					e to the contract
on to the surf out no more to beneath such owner of min and Sediment Secretary, wh	Vest Virginia Code § 22-6A-10(a), ace tract to conduct any plat survey han forty-five days prior to such er tract that has filed a declaration puerals underlying such tract in the cart Control Manual and the statutes a fich statement shall include contact face owner to obtain copies from the	is required pursuant to this are stry to: (1) The surface owner resuant to section thirty-six, and ounty tax records. The notice and rules related to oil and gas information, including the an	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pr	hall be provided at lead o any owner or lessee wenty-two of this code tement that copies of reduction may be obta	ast seven days of coal seams e; and (3) any the state Erosion ained from the
lotice is her	eby provided to:				
□ SURFAC	CE OWNER(s)	☐ COA	OWNER OR LE	SSEE	
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\ddress:		Address:			
Vame:					
Address:		_ LEI MINE	RAL OWNER(s)		
			s T. Wager a/k/a Kriss T. F	laren	
Name:		Address:	300 Heffner Rd	-	
duress			additional forms if nee	cessary	
Pursuant to V	reby given: //est Virginia Code § 22-6A-10(a), on the tract of land as follows: West Virginia Marshall Liberty	Approx. Latit	ide & Longitude:	operator is planning 39.792781, -80.608055 Grapevine Road CR 25/31 Upper Fish Creek	entry to conduct
Quadrangle:	Cameron	Generally use	d farm name:	Charles Jamison	
nay be obtain Charleston, V	state Erosion and Sediment Controlled from the Secretary, at the WV 25304 (304-926-0450). Copies the Secretary by visiting www.de	Department of Environmenta s of such documents or additi	Protection headque on al information re	arters, located at 601	57th Street, SE,
	rehy given hy				Office of Oil and o
		Address:	1300 Fort Pierpont Dr., 5	Suite 201	
Notice is he	T: SWN PRODUCTION COMPANY, LLC.		The case in the land of the		(ANI 9 7 200
Notice is he Vell Operato	F: SWN PRODUCTION COMPANY, LLC 304-884-1610		Morgantown, WV 26508		JAN 3 1 202;
Notice is he	1 783.6.04.373.88	Facsimile:	Morgantown, WV 26508 304-884-1690		Way Department of Environmental Protein

Operator Well No. Charles Jamison MSH

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

Date of Notice: 4182018	Notice Time Re entry	equirement:	Notice shall be prov	ided at least SE	VEN (7) day	s but no more mai	1 FORTY-FIVE (45) days prior to
PERSONAL BREGISTERED MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven do but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal see beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) is owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Enail Medical and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, the enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Name: Address: Name: Address: Minier Diane L Pany and Diane Lyrne Russell Address: Address: Address: Name: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: State: West Virginia Approx. Latitude & Longitude: Country: Marshall Public Road Access: Graphwise Road CR 25/31 Upper Fish Creek Charleston, WV 25304 (304-926-9450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street Charleston, WV 25304 (304-926-9450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary by visiting www.dep.wv.gov/oil-and-eas/page	Date of Notice:	4/18/2019	Date of Plan	nned Entry: 4/2	5/2019		
SERVICE MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven do but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal se beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state E and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, tenable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Address: Address: Address: MINIERAL OWNER(s) Name: Address: MINIERAL OWNER(s) Name: Address: Susteman Address: Address: Address: Address: Address: Address: Approx. Latitude & Longitude: Surgenta Graphine Road GR 22/31 Upper Fish Creek Charleston, W W 25/304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 Street Charleston, W W 25/304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary by visiting www.dep.wv.gov/oil-and-aes/pages/default.aspx. Notice is hereby given by: Well Operator: Swel Popolation Company. LLC Address: 1300 Fart Pierpont Dr., Saite 201 Mogentown, W 26/506	Delivery metho	d pursuant t	to West Virginia C	ode § 22-6A-10	a		
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven do but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal se beneath such tract that has filled a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) elements in the county tax records. The notice shall include a statement that copies of the state E and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, tenable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Name: Address: Name: Address: Name: Address: Name: Address: Name: Address: Name: Address: Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a)	☐ PERSONA	L I	REGISTERED	☐ METH	OD OF DEL	IVERY THAT RE	QUIRES A
on to the surface trace to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven d but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lesse of coal se beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) sowner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state E and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, the enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) SURFACE OWNER(s) Name: Address: Name: Address: Address: BMINIERAL OWNER(s) Name: Address: BMINIERAL OWNER(s) Name: Address: BMINIERAL OWNER(s) Name: Address: BY December 2 Sets Activing Ave. NW Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to coal plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 30.782781, 80.808058 Public Road Access: Grapewine Road CR 25/31 Upper Fish Croek Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary by visiting www.dep.wv.cov/oil-and-ass/pages/default.aspx. Notice is hereby given by: Well Operator: SWM PRODUCTION COMPANY, LLC Address: 1300 Fent Pierpont Dr., Suite 2			MAIL	RECEI	T OR SIGN	ATURE CONFIR	MATION
SURFACE OWNER(s) COAL OWNER OR LESSEE Name:	on to the surface but no more that beneath such trace owner of miners and Sediment C Secretary, which enable the surface.	e tract to cond in forty-five d act that has fil als underlying control Manua h statement sl ce owner to o	duct any plat survey, ays prior to such en- ed a declaration pur g such tract in the co- all and the statutes ar- hall include contact obtain copies from the	s required pursu try to: (1) The si- suant to section ounty tax records d rules related to information, income	ant to this ar arface owner thirty-six, ar The notice o oil and gas	ticle. Such notice s of such tract; (2) the ticle six, chapter to shall include a state exploration and pro-	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the
Name:							
Address: Name: MINERAL OWNER(s) Name: Diane L. Perry al/da Diane Lynne Russell Address: S554 Softwind Ave. NW North Canton, OH 44720	☐ SURFACE	OWNER(s)			☐ COAI	OWNER OR LE	SSEE
Name: Address: MINERAL OWNER(s)	Name:			-	Name:		
Address: Name: Diane L. Peny ar/da Diane Lynne Russell	Address:			-	Address: _		
Name:	Name:			3			
Name: Address: 6554 Softwind Ave. NW North Canton. OH 44720 *please attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: State: West Virginia Public Road Access: Grapevine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charles Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and produce may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: Swn PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508							
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.792781, 80.608058 County: Marshall Public Road Access: Grapevine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charles Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and product may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Street Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508	Nama			-			nne Russell
*please attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.792781, 80.608058 County: Marshall Public Road Access: Grapevine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charles Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and product may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508	Address:			-			
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to co a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.792781, -80.608056 County: Marshall Public Road Access: Grapevine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charles Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and product may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508	radicas			_	20 EV. CO. C. P. C. DE 20 P.	A Late Laboratory Street Company	cessary
may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Street Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Notice is hereby given by: Well Operator: www.dep.wv.gov/oil-and-gas/pages/default.aspx . Address: 1300 Fort Pierpont Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WW 26508	Pursuant to Wes a plat survey on State: County: District:	st Virginia Co the tract of la Nest Virginia Marshall		A P	pprox. Latitu ublic Road A Vatershed:	ude & Longitude: Access:	39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek
	may be obtained Charleston, WV obtained from the Notice is here Well Operator:	d from the Se 25304 (304 he Secretary l by given by SWN PRODUCT	cretary, at the WV I -926-0450). Copies by visiting <u>www.der</u>	Department of E of such docume	nvironmenta ents or additi l-gas/pages/c	l Protection headque on al information refault.aspx.	uarters, located at 601 57th Street, SE, elated to horizontal drilling may be
Email: britany_woody@swn.com Facsimile: 304-884-1690	Email:		nswn.com		Facsimile:	TATE OF THE PERSON NAMED IN COLUMN TO SERVICE OF THE PERSON NAMED IN COLUMN TO	

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

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

Totale Time	Requirement: Not	ice shall be provid	ed at least SEVEN (1) day	s but no more than	FORTY-FIVE (45) days prior to
entry Date of Notic			ed Entry: 4/25/2019		
Jate of Hotic					
Delivery met	nod pursuant to V	Vest Virginia Cod	e § 22-6A-10a		
☐ PERSON	IAL E RE	EGISTERED	☐ METHOD OF DEL	IVERY THAT RE	QUIRES A
SERVIC		AĭL	RECEIPT OR SIGN	ATURE CONFIR	MATION
on to the surfa- but no more the beneath such to owner of mine and Sediment Secretary, which enable the sur	ce tract to conduct an forty-five days ract that has filed a erals underlying su Control Manual ar ich statement shall face owner to obta	any plat surveys re prior to such entry a declaration pursu ch tract in the coun and the statutes and	equired pursuant to this are to: (1) The surface owner ant to section thirty-six, are ty tax records. The notice rules related to oil and gas formation, including the ac-	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pi	shall provide notice of planned entry 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 age on the Secretary's web site, to
Notice is here	by provided to:				
☐ SURFAC	E OWNER(s)		☐ COAL	OWNER OR LE	SSEE
Name:	7 50 70 700		Name:		
Address:			Address:		
Address:			■ MINE	ERAL OWNER(s)	
9919			Name: Line	la L. Klag f/k/a Linda L. Rid	oe
Name:			Address:	2415 Coker Ave	
Address:			Knoxville, TN 3		
			*please attacl	h additional forms if ne	cessary
a plat survey o State: County: District:	est Virginia Code on the tract of land West Virginia Marshall Liberty	§ 22-6A-10(a), not as follows:	Approx. Latin Public Road A Watershed:	ude & Longitude: Access:	operator is planning entry to conduct 39,792781, -80,608056 Grapevine Road CR 25/31 Upper Fish Creek
Pursuant to W a plat survey of State: County:	est Virginia Code on the tract of land West Virginia Marshall	§ 22-6A-10(a), not as follows:	Approx. Latin	ude & Longitude: Access:	39,792781, -80,608056 Grapevine Road CR 25/31
Pursuant to Was plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, Wobtained from	est Virginia Code on the tract of land West Virginia Marshall Liberty Cameron state Erosion and S ed from the Secret V 25304 (304-92) the Secretary by vireby given by:	Sediment Control Nary, at the WV De 6-0450). Copies or visiting www.dep.w	Approx. Latin Public Road A Watershed: Generally use Manual and the statutes and partment of Environmenta f such documents or additi vv.gov/oil-and-gas/pages/c	ude & Longitude: Access: d farm name: d rules related to o l Protection headquional information r lefault.aspx.	39,792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production narters, located at 601 57th Street, SE, elated to horizontal drilling may be
Pursuant to Was plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, Wobtained from Notice is her Well Operator	est Virginia Code on the tract of land West Virginia Marshall Liberty Cameron state Erosion and S ed from the Secret V 25304 (304-92 the Secretary by v reby given by: SWN PRODUCTION	Sediment Control Nary, at the WV Dej6-0450). Copies or	Approx. Latin Public Road A Watershed: Generally use Manual and the statutes and partment of Environmenta f such documents or additi	de & Longitude: Access: d farm name: d rules related to of Protection headquional information refault.aspx.	39,792781, -80,608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production marters, located at 601 57 th Street, SE, elated to horizontal drilling may be Suite 201
Pursuant to Was plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, Wobtained from	est Virginia Code on the tract of land West Virginia Marshall Liberty Cameron state Erosion and S ed from the Secret V 25304 (304-92) the Secretary by vireby given by:	Sediment Control Nary, at the WV De 6-0450). Copies or visiting www.dep.w	Approx. Latin Public Road A Watershed: Generally use Manual and the statutes and partment of Environmenta f such documents or additi vv.gov/oil-and-gas/pages/c	ude & Longitude: Access: d farm name: d rules related to o l Protection headquional information r lefault.aspx.	39,792781, -80,608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production marters, located at 601 57 th Street, SE, elated to horizontal drilling may be Suite 201

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

Not		equirement:	Notice shall be prov	vided at least SEVEN (7)	days but no more th	an FORTY-FIVE (45) days prior to
	e of Notice	4/18/2019	Date of Pla	nned Entry: 4/25/2019		
Deli	ivery meth	od pursuant (to West Virginia C	ode § 22-6A-10a		
	PERSON.	AL I	REGISTERED	☐ METHOD OF D	ELIVERY THAT R	EQUIRES A
	SERVICE		MAIL		GNATURE CONFI	
on to but a bene own and Secre	o the surface no more that eath such tracer of miner Sediment Cretary, which ole the surface	e tract to cond in forty-five d act that has fil als underlying Control Manua h statement slace owner to o	duct any plat survey ays prior to such en led a declaration pur g such tract in the co- al and the statutes ar rall include contact obtain copies from the	s required pursuant to thi try to: (1) The surface own suant to section thirty-size ounty tax records. The nead rules related to oil and information, including the	s article. Such notice mer of such tract; (2) a, article six, chapter tice shall include a s gas exploration and	or shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any statement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to
=		y provided to	0:	A		
		OWNER(s)			OAL OWNER OR L	
				_ Name:		
Add	ress:				s:	
Nan	ne:					
Add	ress:			■ M	NERAL OWNER(s)
				Name:	Debra Louk	
Nan	ne:			Addres	343 Skyview Dr	
Add	ress:				e, OH 43953	
_				please a	ttach additional forms if n	ecessary
Purs	suant to We at survey or e:	eby given: st Virginia Co the tract of la West Virginia Marshall	ode § 22-6A-10(a), r and as follows:		ntitude & Longitude:	Il operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31
Dist	rict:	iberty		Watershed		Upper Fish Creek
Qua	drangle:	Cameron		Generally	ised farm name:	Charles Jamison
may Char	be obtaine rleston, WV	d from the Sec 25304 (304-	cretary, at the WV I -926-0450). Copies	Department of Environme	ntal Protection head ditional information	oil and gas exploration and production quarters, located at 601 57 th Street, SE, related to horizontal drilling may be
Not	ice is here	by given by	:			
	Operator:		TON COMPANY, LLC	Address	1300 Fort Pierpont Dr.	, Suite 201
	phone:	304-884-1610			Morgantown, WV 2650	80
Ema	il:	brittany_woody@	swn.com	Facsimil	e: 304-884-1690	
Oil	d C T	National and Mrs 41	44.1			

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

	e Requirement:	Notice shall be prov	ed at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
entry Date of Not	ice: 4/18/2019	Date of Plan	ed Entry: 4/25/2019
Delivery m	ethod pursuant	to West Virginia C	e § 22-6A-10a
☐ PERSO	ONAL =	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVI		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the sur but no more beneath such owner of mi and Sedimer Secretary, we enable the su	face tract to con- than forty-five of h tract that has fi- nerals underlying ht Control Manua hich statement s- urface owner to co-	duct any plat survey, ays prior to such en- led a declaration pur g such tract in the co- al and the statutes an hall include contact obtain copies from the	or to filing a permit application, the operator shall provide notice of planned entry equired pursuant to this article. Such notice shall be provided at least seven days to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams ant to section thirty-six, article six, chapter twenty-two of this code; and (3) any any tax records. The notice shall include a statement that copies of the state Erosion rules related to oil and gas exploration and production may be obtained from the formation, including the address for a web page on the Secretary's web site, to secretary.
	reby provided t		
	CE OWNER(s)		☐ COAL OWNER OR LESSEE
Name:	1 -4		Name:
Address:			Address:
Name:			
Address: _			MINERAL OWNER(s)
			Name: Phyllis Fox
Name:			Address: 879 Meadow View, NW
Address: _			Canal Fulton, OH 44614
			*please attach additional forms if necessary
Pursuant to	on the tract of la West Virginia Marshall Liberty		Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison
may be obta	ined from the Se WV 25304 (304	cretary, at the WV I -926-0450). Copies	Manual and the statutes and rules related to oil and gas exploration and production partment of Environmental Protection headquarters, located at 601 57 th Street, SE, if such documents or additional information related to horizontal drilling may be rv.gov/oil-and-gas/pages/default.aspx.
obtained fro	ereby given by	ra.	
obtained from	ereby given by		Address: 1300 Fort Pierment Dr. Steller 201
obtained from Notice is h Well Operat	OT: SWN PRODUCT	TON COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201
obtained fro		TIÓN COMPANY, LLC	Address: 1200 Fort Pierpont Dr., Suite 201 Morgantown, WV 25508 Facsimile: 304-884-1690

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

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

	equirement:	Notice shall be prov	ided at least SEVEN (7) day	ys but no more than	n FORTY-FIVE (45) days prior to
entry Date of Notice	4/18/2019	Date of Plan	nned Entry: 4/25/2019		
		o West Virginia C	ode § 22-6A-10a		
				IVERY THAT DE	COURS
☐ PERSONA SERVICE		REGISTERED MAIL	☐ METHOD OF DEL RECEIPT OR SIGN		77/2000
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice enable the surface	e tract to cond in forty-five di act that has fil als underlying Control Manua h statement shace owner to o	luct any plat surveys ays prior to such ent ed a declaration pur such tract in the co all and the statutes an nall include contact btain copies from the	s required pursuant to this ar- try to: (1) The surface owner suant to section thirty-six, a- punty tax records. The notice and rules related to oil and gas information, including the a-	ticle. Such notice s r of such tract; (2) t rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is hereb):	1200		
☐ SURFACE	OWNER(s)			LOWNER OR LE	
Name:			Name:		
				V 141	
Address:			■ MINI	ERAL OWNER(s)	
			Name: Joy	Elaine Dunn	
Name:			Address:	2422 Oxford Down Center	
Address:			Sun City Centr		
_			*please attac	h additional forms if ne	cessary
	5 5 C				
a plat survey or State: County: District:	st Virginia Co			ude & Longitude: Access:	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Craek Charles Jamison
Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, Woobtained from t	st Virginia Con the tract of la West Virginia Marshall Liberty Cameron ard from the Sec 7 25304 (304-the Secretary by	and as follows: and Sediment Control cretary, at the WV E- 926-0450). Copies by visiting www.dep	Approx. Latit Public Road A Watershed: Generally use I Manual and the statutes an Department of Environmenta	ude & Longitude: Access: d farm name: d rules related to o ll Protection headquional information r	39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek
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Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, Woobtained from the State of the S	st Virginia Con the tract of la West Virginia Marshall Liberty Cameron atte Erosion and from the Sect / 25304 (304- the Secretary by SWN PRODUCT	and as follows: and Sediment Control cretary, at the WV E- 926-0450). Copies by visiting www.dep	Approx. Latit Public Road A Watershed: Generally use I Manual and the statutes an Department of Environmenta of such documents or addit	ude & Longitude: Access: d farm name: d rules related to o l Protection headquional information r default.aspx.	39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57th Street, SE, related to horizontal drilling may be
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Oil and Gas Privacy Notice:

WW-6A3 Operator Well No. Charles Jamison MSH (1/12)

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

Notice T	ime Require	ement:	Notice shall be prov	ided a	t least SEVEN (7)	day	ys but no more than	FORTY-FIVE (45) days prior to
entry Date of N	Notice: 4/18/2	019	Date of Plan	ned F	ntry: 4/25/2019			
			o West Virginia C	nde 8	22-6A-10a			
								advertige t
	RSONAL		REGISTERED				IVERY THAT RE	
SER	RVICE		MAIL		RECEIPT OR SI	GN	ATURE CONFIR	MATION
on to the but no me beneath s owner of and Sedin Secretary enable th	surface tract ore than fort such tract that minerals un- ment Control, which state e surface ow	to cond y-five d it has fil derlying I Manua ement sl mer to c	duct any plat survey ays prior to such en ed a declaration pur g such tract in the co all and the statutes ar hall include contact obtain copies from the	s requi try to: suant i unty to d rule: inform	red pursuant to thi (1) The surface ov to section thirty-size ax records. The no s related to oil and ation, including the	ner ner tice gas	ticle. Such notice s of such tract; (2) to ticle six, chapter to shall include a state exploration and pro-	shall provide notice of planned entry 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 age on the Secretary's web site, to
	hereby pro				18.0			
☐ SUR	RFACE OW	VER(s)					LOWNER OR LE	
Name: _				-	Name:			
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				_	Name:	Non	ma Jean Hamel	
Name: _				5		7	24583 Calle Magdalena	
Address:	-			-	Murrieta,		the set of the set of	C Since American
	_			-	*please	ttac	h additional forms if ne	cessary
Pursuant		ginia Co ract of I	ode § 22-6A-10(a), and as follows:		Approx. L Public Ros Watershee	atiti	ude & Longitude: Access:	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek
Quadran	gle: Cameron	1			Generally	use	d farm name:	Charles Jamison
may be o	obtained from on, WV 253	n the Se 04 (304	cretary, at the WV I	Departs of suc	ment of Environments or a	nta	al Protection headquional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Madies :	a bawaher mi	tron be						
Well Op	s hereby gi	A P. S. S. S. S. S. S.	7: TION COMPANY, LLC		Address		1300 Fort Pierpont Roa	d. Suite 201
Telephor		84-1810	HOH COMPANY, CLO	_			Morgantown, WV 2650	
Email:		y_woody@	Dewn com		Facsimi	e:	304-884-1690	
	Dittal	.,_woody@	Sammount.					
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Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

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

	equirement:	Notice shall be prov	ided at least SEVEN (7) da	ys but no more than	n FORTY-FIVE (45) days prior to
entry Date of Notice:	4/18/2019	Date of Plan	ined Entry: 4/25/2019		
Delivery metho	od pursuant t	to West Virginia C	ode § 22-6A-10a		
☐ PERSONA		REGISTERED	☐ METHOD OF DEI	IVERY THAT RE	COUIRES A
SERVICE		MAIL	RECEIPT OR SIGN		
on to the surface but no more than beneath such tra owner of minera and Sediment C Secretary, which	e tract to cond in forty-five d act that has fil als underlying ontrol Manua h statement sl	duct any plat survey lays prior to such en- led a declaration pur g such tract in the co al and the statutes an	required pursuant to this a ry to: (1) The surface owner suant to section thirty-six, a unty tax records. The notice of rules related to oil and ga information, including the a	rticle. Such notice s r of such tract; (2) t rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is hereb	y provided to	0:			
☐ SURFACE	OWNER(s)		□ coa	L OWNER OR LE	SSEE
Name:			Name:		
Address:			Address:		
Name:					
Address:			■ MIN	ERAL OWNER(s)	1
				ce A. Wagner	
Name:			Address: Huber Height	8317 Chinaberry Pl.	
Address.			*nlease attac	h additional forms if ne	cessary
a plat survey on	st Virginia Co			ne undersigned wel	l operator is planning entry to conduct
County: N	Marshall		Public Road	Access:	Grapevine Road CR 25/31
_	lberty		Watershed:		Upper Fish Creek
Quadrangle: c	Cameron		Generally use	ed farm name:	Charles Jamison
may be obtained Charleston, WV	d from the Se 25304 (304	cretary, at the WV I -926-0450). Copies	epartment of Environmenta	al Protection headq ional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
AND RESIDENCE AN	by given by	:			
Notice is here			Address:	4000 C - 1 D 1 D -	0.4- 004
Well Operator:		TION COMPANY, LLC	Addiess.	1300 Fort Pierpont Dr.,	Suite 201
		TION COMPANY, LLC	Facsimile:	Morgantown, WV 26508	

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

	Requirement:	Notice shall be prov	ided at	t least SEVEN (7)	lays but no n	nore tha	n FORTY-FIVE (45) days prior to
entry Date of Notice	e: 4/18/2019	Date of Plan	nned E	ntry: 4/25/2019			
Delivery meth	od pursuant	to West Virginia Co	ode § 2	22-6A-10a			
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SERVICE		MAIL	_	RECEIPT OR SIG			
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Notice is here		0:				3335	9/55
	E OWNER(s)				AL OWNER		
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Address:				Address			
Name:							
Address:			_	■ Mn	NERAL OW	NER(s)	1
			_		ouglas Gosney		
Name:			4		231 Woodridge	Dr Apt. C-	204
Address:			-	Wintersville	OH 43953 ach additional f	(f	
-			7	-picase an	ach additional i	orms if ne	cessary
a plat survey o State: County: District:	est Virginia Co on the tract of la West Virginia	ode § 22-6A-10(a), n and as follows:		Approx. La	itude & Lon Access:	gitude:	Operator is planning entry to conduct 38.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison
may be obtained Charleston, Wobtained from Notice is her	ed from the Se V 25304 (304 the Secretary l reby given by	cretary, at the WV I -926-0450). Copies by visiting <u>www.dep</u>	of suc	nent of Environment h documents or add	tal Protection	n headq mation r <u>x</u> .	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
Telephone:	304-884-1610				Morgantown	. WV 26508	8
Email:	brittany_woody@	swn.com		Facsimile	304-884-169	90	
Email:		gswn.com		Facsimile			3

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

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

Date of Notice	e: 4/18/2019 Date of Pla	nned Entry: 4/25/2019
Delivery meth	ood pursuant to West Virginia C	Code § 22-6A-10a
PERSON SERVICE		☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more the beneath such to owner of miner and Sediment (Secretary, whice enable the surface	ce tract to conduct any plat survey an forty-five days prior to such er ract that has filed a declaration purals underlying such tract in the control Manual and the statutes and ch statement shall include contact ace owner to obtain copies from the control of the contact ace owner to obtain copies from the control of the contact ace owner to obtain copies from the contact ace owner to obtain copies from the contact ace owner to obtain copies from the contact ace owner to obtain copies from the contact ace owner to obtain copies from the contact account of the contact account ac	Prior to filing a permit application, the operator shall provide notice of planned entry is required pursuant to this article. Such notice shall be provided at least seven days stry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams resuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any purpose that records. The notice shall include a statement that copies of the state Erosion and rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to the secretary.
	by provided to:	
☐ SURFACE	and the state of t	☐ COAL OWNER OR LESSEE
Name:		Name:
Name:		
Address:		■ MINERAL OWNER(s)
Name:		Address: 126 Grant Ave
Address:		Wheeling, WV 26003
		*please attach additional forms if necessary
Notice is here Pursuant to We a plat survey or State:	eby given: est Virginia Code § 22-6A-10(a), n the tract of land as follows: West Virginia	*please attach additional forms if necessary notice is hereby given that the undersigned well operator is planning entry to conduct Approx. Latitude & Longitude: 39,792781, -80,608058
Notice is here Pursuant to We a plat survey or State: County:	eby given: est Virginia Code § 22-6A-10(a), in the tract of land as follows: West Virginia Marshall	*please attach additional forms if necessary notice is hereby given that the undersigned well operator is planning entry to conduct Approx. Latitude & Longitude: 39,792781, -80,608058 Public Road Access: Grapevine Road CR 25/31
Notice is here Pursuant to We a plat survey or State: County: District:	eby given: est Virginia Code § 22-6A-10(a), in the tract of land as follows: West Virginia Marshall	*please attach additional forms if necessary notice is hereby given that the undersigned well operator is planning entry to conduct Approx. Latitude & Longitude: 39,792781, -80,608058 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
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Notice is here Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the si may be obtaine Charleston, Wo obtained from to Notice is here Well Operator:	eby given: est Virginia Code § 22-6A-10(a), in the tract of land as follows: West Virginia Marshall Liberty Cameron tate Erosion and Sediment Control of from the Secretary, at the WV I V 25304 (304-926-0450). Copies the Secretary by visiting www.der	Approx. Latitude & Longitude: Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be
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Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

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				- 1000						
Deli	ivery metho	d pursuant	to West Virginia Co	ode § 22-6A-10a						
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Add	ress:			I≡I MIN	ERAL OWNER(s)					
NTon				Name: Ma	nager Enterprises, LLC	/				
A dd	rece.			Address: Wheeling, W.	PO Box 6812					
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Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

	equirement:	Notice shall be prov	ided at lea	ast SEVEN (7) day	ys but no more than	FORTY-FIVE (45) days prior to		
Date of Notice: 4/18/2019 Date of Planned Entry:			y: 4/25/2019					
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Address:			_	MINE	ERAL OWNER(s)			
				Name: Sun	nmer Daun Miller			
Name:			->		1309 Center St			
Address:			-	Moundsville, WV 26003 *please attach additional forms if necessary				
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a plat survey on State: v County: A	t Virginia Co		otice is he		ude & Longitude:	operator is planning entry to conduct 39.792781, -80.608066 Grapevine Road CR 25/31 Upper Fish Creek		
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Well Operator:	77. 7	TON COMPANY, LLC		Address:	Address: 1300 Fort Pierpont Dr., Suite 201			
Telephone: 304-884-1610					Morgantown, WV 26508			
Email:	brittany_woody@	swn.com		Facsimile:	304-884-1690			

Oil and Gas Privacy Notice:

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

entry			nned Entry: 4/25/2019	ys out no more mai	n FORT 1-FIVE (45) days prior to			
		to West Virginia C	2.5.0.25.027					
☐ PERSON		REGISTERED		ETHOD OF DELIVERY THAT REQUIRES A				
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	eby provided t	0:						
	CE OWNER(s)			LOWNER OR LE				
Name:			Name:					
Address:			_ Address:	Address:				
Name:				er a same				
Address:			_ III MINI	ERAL OWNER(s)	3			
•••			Name: Jef	rey H. Cunningham I				
Name:			_ Address:	Address: 1947 Burch Ridge Road				
Address:			Proctor, WV 2	Proctor, WW 26055 *please attach additional forms if necessary				
	est Virginia Co on the tract of la	ode § 22-6A-10(a), i and as follows:			operator is planning entry to conduct			
County:	West Virginia Marshall		Dublic Dead	ude & Longitude:	39.792781, -80.608056			
District:	Liberty		Watershed:	100055.	Grapevine Road CR 25/31 Upper Fish Creek			
	Cameron		Generally use	d farm name:	Charles Jamison			
may be obtain Charleston, W	red from the Se V 25304 (304	cretary, at the WV I -926-0450). Copies	Department of Environmenta	l Protection headquional information r	il and gas exploration and production uarters, located at 601 57th Street, SE, elated to horizontal drilling may be			
Notice is he	reby given by							
Well Operator		TION COMPANY, LLC	Address:	1200 East Planned Co.	Suita 701			
Telephone:	304-884-1610	TION COMPANY, LLC	Addiess.	Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508				
Email:	brittany_woody@	§swn.com	Facsimile:	304-884-1690				
44								

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

Noti		equirement:	Notice shall be prov	vided at least SEVEN (7)	day	ys but no more tha	n FORTY-FIVE (45) days prior to			
Date of Notice: 4/18/2019 Date of Planned Entry				nned Entry: 4/25/2019						
Deli	very meth	od pursuant i	to West Virginia C	ode § 22-6A-10a						
	PERSON.	AL I	REGISTERED	☐ METHOD OF D	ETHOD OF DELIVERY THAT REQUIRES A					
	SERVICE		MAIL		CEIPT OR SIGNATURE CONFIRMATION					
on to but n bene owne and S Secre enab	o the surface no more that eath such treer of miner Sediment Cetary, which le the surface	te tract to cond an forty-five d act that has fil als underlying Control Manua th statement shace owner to o	duct any plat survey ays prior to such en ed a declaration pur such tract in the co all and the statutes ar hall include contact btain copies from the	s required pursuant to thi try to: (1) The surface ow suant to section thirty-size ounty tax records. The no ad rules related to oil and information, including th	ner ner tice gas	ticle. Such notice s of such tract; (2) ticle six, chapter t shall include a state exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion troduction may be obtained from the age on the Secretary's web site, to			
		y provided to):	(A)						
		OWNER(s)			☐ COAL OWNER OR LESSEE					
Nam	e:			Name:	Name:					
Addı	ress:			Addres	s: _					
Nam						L 20 10 10				
Addı	ress:			_ I M	MINERAL OWNER(s)					
_				Name:						
Nam	e:			_ Addres		347 Basswood Ave				
Addi	ess:				1	oH 44614 additional forms if ne				
				_ piease a	ttaer	additional forms if he	cessary			
Noti	ce is here	by given:								
			de § 22-6A-10(a), r	notice is hereby given tha	t the	e undersigned well	l operator is planning entry to conduct			
			and as follows:			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			
State	: 1	West Virginia				de & Longitude:	39,792781, -80,608056			
Cour		Marshall				ccess:	Grapevine Road CR 25/31			
Distr	_	Liberty		Watershed			Upper Fish Creek			
Quad	irangle:	Cameron		Generally	Generally used farm name:		Charles Jamison			
may Char	be obtained leston, WV	d from the Sec 7 25304 (304-	cretary, at the WV I 926-0450). Copies	Department of Environme	nta diti	l Protection headquoing information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be			
na.										
		by given by								
Well Operator: swn Production COMPANY, LLC			Address		1300 Fort Pierpont Dr.,	Suite 201				
	phone:	304-884-1510				Morgantown, WV 26508	3			
Emai	il:	brittany_woody@	swn.com	Facsimil	e:	304-884-1690				
Oil 4	and Cas I	rivacy Noti								

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

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

	Requirement:	Notice shall be prov	vided at least SEVEN (7) day	ys but no more tha	n FORTY-FIVE (45) days prior to			
entry Date of Notic	ce: 4/18/2019	Date of Plan	nned Entry: 4/25/2019					
Delivery met	hod pursuant	to West Virginia C	ode § 22-6A-10a					
☐ PERSO	NAT III	REGISTERED	☐ METHOD OF DEL	ETHOD OF DELIVERY THAT REQUIRES A				
SERVIC	7.7.4	MAIL	RECEIPT OR SIGN					
on to the surfi but no more t beneath such owner of min- and Sediment Secretary, wh enable the sur	ace tract to con- han forty-five of tract that has fi- erals underlying Control Manu- ich statement si- face owner to con-	duct any plat survey, lays prior to such en led a declaration pur g such tract in the co al and the statutes ar hall include contact obtain copies from th	s required pursuant to this ar try to: (I) The surface owner rsuant to section thirty-six, are ounty tax records. The notice and rules related to oil and gas information, including the ac-	ticle. Such notice s of such tract; (2) ticle six, chapter t e shall include a sta exploration and p	r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion production may be obtained from the age on the Secretary's web site, to			
2	eby provided t							
☐ SURFAC	CE OWNER(s)			LOWNER OR LE				
Name:			Name:	Name:				
Address:			Address:	Address:				
Name:				a a company				
Address:			_ MINE	ERAL OWNER(s)				
			Name: By					
Name:			_ Address:	Address: 608 Indian Tr				
Address:				*please attach additional forms if necessary				
			_ please arraci	n additional forms if ne	cessary			
a plat survey of State:	est Virginia Co on the tract of la West Virginia	ode § 22-6A-10(a), r and as follows:	Approx. Latit	ude & Longitude:	l operator is planning entry to conduct			
County:	MADE TO THE		1117 1 1	ccess:	Grapevine Road CR 25/31			
District: Quadrangle:	Annual Control of the			d form name:	Upper Fish Creek			
Quadrangie:	Cameron	Generally used farm name:		a farm name:	Charles Jamison			
may be obtain Charleston, W	red from the Se VV 25304 (304	cretary, at the WV I -926-0450). Copies	Department of Environmenta	l Protection headquonal information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be			
Notice is he	rehv given hy	,.						
Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC			Address:	Address: 1300 Fort Pierpont Dr., Suite 201				
Telephone:	304-884-1610			Morgantown, WV 26508				
Email:	brittany_woody@	@swn.com	Facsimile:					

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

Date of Flat	med Entry: 4/25/2019				
REGISTERED MAIL	☐ METHOD OF DELIVERY THAT RECEIPT OR SIGNATURE CONFIRM				
tract to conduct any plat surveys forty-five days prior to such ent t that has filed a declaration pur- s underlying such tract in the co- ntrol Manual and the statutes an statement shall include contact i	s required pursuant to this article. Such notice sl ry to: (1) The surface owner of such tract; (2) to suant to section thirty-six, article six, chapter tw unty tax records. The notice shall include a stat d rules related to oil and gas exploration and pr information, including the address for a web pay	hall be provided at least seven days o any owner or lessee of coal seams venty-two of this code; and (3) any tement that copies of the state Erosion oduction may be obtained from the			
provided to:	-				
	Name:	Name:			
	Address:	Address:			
	7				
	■ MINERAL OWNER(s)				
	70 Barrier - Barrier Barrier - Barrier Barrier - Barrier Barrier - Barrier Barrier - Barrier Barrier - Barrier Barrier - Barri				
	*please attach additional forms if neo	essary			
he tract of land as follows:	Approx. Latitude & Longitude: Public Road Access:	39.792781, -80.608056 Grapevine Road CR 25/31			
	Watershed	Upper Fish Creek			
t t s t s	MAIL Virginia Code § 22-6A-10(a), Paract to conduct any plat surveys forty-five days prior to such enter that has filed a declaration pures underlying such tract in the control Manual and the statutes and statement shall include contact is cowner to obtain copies from the provided to: DWNER(s) y given: Virginia Code § 22-6A-10(a), in the tract of land as follows: st Virginia reshall	MAIL RECEIPT OR SIGNATURE CONFIRM Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator fract to conduct any plat surveys required pursuant to this article. Such notice si forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to that has filed a declaration pursuant to section thirty-six, article six, chapter two underlying such tract in the county tax records. The notice shall include a stantrol Manual and the statutes and rules related to oil and gas exploration and protected provided to: DWNER(s) COAL OWNER OR LESS Name: Address: MINERAL OWNER(s) Name: Address: MINERAL OWNER(s) Name: Seth Thomas Holl Address: 4927 Charles Partin Dr. Partish, Ft. 34219 *please attach additional forms if nection of provided to the tract of land as follows: st Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well the tract of land as follows: st Virginia Approx. Latitude & Longitude: Public Road Access:			

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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

		equirement: Notice shall be pro-	rided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
entry Date		: 4/18/2019 Date of Pla	nned Entry: 4/25/2019
			1-025 V1 22
Deliv	ery meth	od pursuant to West Virginia C	ode § 22-6A-10a
	PERSON	AL EREGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
	SERVICE		RECEIPT OR SIGNATURE CONFIRMATION
on to out no cenes owne and S Secre enabl	the surface o more the ath such the or of mines Sediment (etary, which le the surf	the tract to conduct any plat survey an forty-five days prior to such en ract that has filed a declaration pur rals underlying such tract in the co Control Manual and the statutes as	Prior to filing a permit application, the operator shall provide notice of planned entry is required pursuant to this article. Such notice shall be provided at least seven days try to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams rount to section thirty-six, article six, chapter twenty-two of this code; and (3) any punty tax records. The notice shall include a statement that copies of the state Erosion and rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to me secretary.
			☐ COAL OWNER OR LESSEE
		E OWNER(s)	
ruui			
Nam	e:		A COMPANIE OF THE PARTY OF THE
Addr	ress:		MINERAL OWNER(S)
			Name: James Hosking
Nam	e:		Address: 906 Denshire Dr. NW Canel Fullon, OH 44614
Addi	ess.		*please attach additional forms if necessary
Noti	ice is her	eby given: est Virginia Code § 22-6A-10(a),	notice is hereby given that the undersigned well operator is planning entry to conduct
a pla State Cour Distr	t survey o :: nty: rict:	n the tract of land as follows: West Virginia Marshall Liberty	Approx. Latitude & Longitude: 39.792781, -80.603056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
a pla State Cour Distr	t survey o :: nty: rict:	n the tract of land as follows: West Virginia Marshall	Public Road Access: Grapevine Road CR 25/31
a pla State Cour Distr Quad Copi may Char	t survey o :: inty: rict: drangle: be obtain deston, W	n the tract of land as follows: West Virginia Marshall Liberty Cameron state Erosion and Sediment Control ed from the Secretary, at the WV V 25304 (304-926-0450). Copie	Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
a pla State Cour Distr Quad Copi may Char obtai	t survey on the survey on the survey of the	m the tract of land as follows: West Virginia Marshall Liberty Cameron State Erosion and Sediment Control ed from the Secretary, at the WV V 25304 (304-926-0450). Copie the Secretary by visiting www.de	Public Road Access: Watershed: Generally used farm name: Of Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57 th Street, SE, sof such documents or additional information related to horizontal drilling may be
a pla State Cour Distr Quac Copi may Char obtai	t survey of the thy: nty: nict: drangle: des of the se be obtain deston, W ined from	m the tract of land as follows: West Virginia Marshall Liberty Cameron state Erosion and Sediment Control ed from the Secretary, at the WV V 25304 (304-926-0450). Copie the Secretary by visiting www.de	Public Road Access: Watershed: Generally used farm name: Department of Environmental Protection headquarters, located at 601 57 th Street, SE, s of such documents or additional information related to horizontal drilling may be p.wv.gov/oil-and-gas/pages/default.aspx.
a pla State Cour Distr Quad Copi may Char obtai Noti	t survey of the survey of the survey of the survey the survey of the sur	n the tract of land as follows: West Virginia Marshall Liberty Cameron state Erosion and Sediment Control ed from the Secretary, at the WV V 25304 (304-926-0450). Copie the Secretary by visiting www.de reby given by: SWN PRODUCTION COMPANY, LLC	Public Road Access: Watershed: Generally used farm name: Dispartment of Environmental Protection headquarters, located at 601 57 th Street, SE, sof such documents or additional information related to horizontal drilling may be p.wv.gov/oil-and-gas/pages/default.aspx. Address: 1300 Fort Pierpont Dr., Suite 201
a pla State Cour Distr Quad Copi may Char obtai Noti	t survey of the state of the st	m the tract of land as follows: West Virginia Marshall Liberty Cameron state Erosion and Sediment Control ed from the Secretary, at the WV V 25304 (304-926-0450). Copie the Secretary by visiting www.de	Public Road Access: Watershed: Generally used farm name: Di Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57 th Street, SE, sof such documents or additional information related to horizontal drilling may be p.wv.gov/oil-and-gas/pages/default.aspx.

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

		equirement:	Notice shall be prov	ided at	least SEVE	N (7) day	ys but no more than	n FORTY-FIVE (45) days prior to
entry Date		4/18/2019	Date of Plan	ned E	ntry; 4/25/201	9		
Deliv	ery metho	od pursuant i	to West Virginia C	ode § 2	22-6A-10a			
П	PERSON	(I	REGISTERED	П	METHOD	OF DEL	IVERY THAT RE	OURES A
	SERVICE	YL G	MAIL				NATURE CONFIR	
on to but no benea owne and S Secre enabl	the surface o more that ath such tra- er of miner dediment C etary, whice the surface	e tract to cond in forty-five d act that has fil als underlying control Manua h statement si ce owner to o	duct any plat surveys ays prior to such en- led a declaration pur g such tract in the co- al and the statutes an hall include contact obtain copies from the	s required try to: (suant to a unity ta a d rules information	red pursuant (1) The surfa to section thin ex records. The related to of ation, including	to this arce owner ty-six, archerology the notice I and gas	ticle. Such notice s r of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and pr	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
		y provided to				7 0041	L OWNER OR LE	COCE
		OWNER(s)			NI.			
Addr	ess:			-	A	ddress:		
				4	- 4			
Name	e:			-5	Te	MINE	ERAL OWNER(s)	
Addi							rey Todd Fromhart	/
Name							1309 Center St	
Addr	ess:					oundsville, V		
				-	*p	lease attac	h additional forms if ne	cessary
Pursu a plat State: Coun Distri	t survey on the survey on the survey on the survey on the survey on the survey on the survey on the survey on the survey of the		ode § 22-6A-10(a), r and as follows:		Appr Publi Wate	ox. Latit c Road A	ude & Longitude:	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison
may l Charl obtain Notic Well	be obtaine leston, W\ ned from t	d from the Se 7 25304 (304 he Secretary l by given by	cretary, at the WV I -926-0450). Copies by visiting <u>www.de</u> r	of suc	nent of Envir h documents pv/oil-and-ga	onmenta or addit	l Protection headquional information r	
Emai		brittany_woody@	ðswn.com		Fac	csimile:	304-884-1590	
		a, adity_11000y@	Sattingoni					
00		N NT						

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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

entry Date of Notice		Date of Pla	nned Entry: 4/25/2019		55 74 50 68 7 5 536 7 5 3 5 10 5 3		
Delivery meth	od pursuant	o West Virginia C	ode § 22-6A-10a				
PERSON SERVICE		REGISTERED MAIL	☐ METHOD OF DEI RECEIPT OR SIG				
on to the surface but no more the beneath such to owner of miner and Sediment (Secretary, whice	ce tract to cond an forty-five d act that has fil rals underlying Control Manua ch statement sh	luct any plat survey ays prior to such en ed a declaration pur such tract in the co I and the statutes ar	is required pursuant to this a stry to: (1) The surface owner resuant to section thirty-six, a sounty tax records. The notion and rules related to oil and gat information, including the a	rticle. Such notice s er of such tract; (2) article six, chapter to be shall include a state s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
Notice is hereb	by provided to):					
☐ SURFACE	E OWNER(s)		☐ COA	LOWNER OR LE	SSEE		
Name:			Name:	Name:			
Address:			Address:	Address:			
Name:							
Address:			■ MIN	ERAL OWNER(s)	/		
			Name: Ma	rilyn Troyer a/k/a Marilyn H	famel		
Name:			_ Address:	2430 Meadows Ave. NW	×		
Address:							
			_ *please attac	h additional forms if ne	cessary		
a plat survey or	est Virginia Co in the tract of la	de § 22-6A-10(a), n nd as follows:		ne undersigned well	operator is planning entry to conduct		
	Masshall		Dublic Deed		Grapevine Road CR 25/31		
					Upper Fish Creek		
Quadrangle:	strict: Liberty Watershed: ladrangle: Cameron Generally used farm name:		ed farm name:	Charles Jamison			
Copies of the st	d from the Sec V 25304 (304-	retary, at the WV E 926-0450). Copies	Department of Environmenta	al Protection headquional information re	il and gas exploration and production parters, located at 601 57 th Street, SE, elated to horizontal drilling may be		
Charleston, WV	the Secretary b	- Control -					
Charleston, WV obtained from t							
Charleston, WV obtained from t Notice is here	eby given by		A J.J.				
Charleston, WV obtained from t Notice is here Well Operator:	eby given by		Address:	1300 Fort Plerpont Dr., S			
Charleston, WV	eby given by	ON COMPANY, LLC	Address:	1300 Fort Pierpont Dr., 5 Morgantown, WV 26508 304-884-1690			

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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

entr		equirement:	Notice shall be prov	vided at least SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45) days prior to
		4/18/2019	Date of Plan	nned Entry: 4/25/2019		
Deli	ivery metho	d pursuant i	to West Virginia C	ode § 22-6A-10a		
П	PERSONA	T. 🔳	REGISTERED	☐ METHOD OF DEI	IVERY THAT RE	FOLURES A
	SERVICE		MAIL	RECEIPT OR SIGN		
on to but in bene own and Secretable	to the surface no more than eath such tra ner of minera Sediment Coretary, which ble the surface	e tract to cond in forty-five d ct that has fil ils underlying ontrol Manua in statement sl ce owner to o	duct any plat survey ays prior to such en ed a declaration pur g such tract in the co al and the statutes ar hall include contact btain copies from the	s required pursuant to this a try to: (1) The surface owner suant to section thirty-six, a bunty tax records. The notice of rules related to oil and ga- information, including the a	rticle. Such notice a r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion production may be obtained from the age on the Secretary's web site, to
		y provided to	o:			
		OWNER(s)			LOWNER OR LE	
Nan	ne;			Name:		
Add				Address:		
	ne:			10 10 70	ERAL OWNER(s)	
Nam	ne:			Address:	3333 Crist Rd	
Add	ress:			Springfield, Ol	7 11/4 4 4/4	
_				*please attac	h additional forms if ne	cessary
Purs	tice is herel suant to Wes	t Virginia Co	de § 22-6A-10(a), n	notice is hereby given that th	e undersigned well	l operator is planning entry to conduct
		************		America Forth	and a second and are	
State	e: w	est Virginia		Approx. Latit	ude & Longitude:	39.792781, -80.608056
Cour	nty: M	est Virginia arshall		Public Road	ude & Longitude: Access:	39.792781, -80.608056 Grapevine Road CR 25/31
Cour	nty: M			Public Road A Watershed:	Access:	
	nty: M	arshall		Public Road A	Access:	Grapevine Road CR 25/31
Cour Distr Quar Copi may Char	nty: M rict: Li drangle: Ca ies of the sta be obtained rleston, WV	arshall berty ameron Ite Erosion ar from the Sec 25304 (304-	cretary, at the WV E 926-0450). Copies	Public Road A Watershed: Generally use Manual and the statutes an Department of Environmenta	Access: d farm name: d rules related to of l Protection headquestional information re	Grapevine Road CR 25/31 Upper Fish Creek
Cour Distr Quad Copi may Char obta	nty: Mariet: Lidrangle: Careties of the start be obtained rleston, WV lined from the	arshall berty ameron Ite Erosion ar from the Sec 25304 (304- e Secretary b	eretary, at the WV E -926-0450). Copies by visiting <u>www.dep</u>	Public Road A Watershed: Generally use Manual and the statutes an Department of Environmenta of such documents or addit	Access: d farm name: d rules related to of l Protection headquestional information re	Upper Fish Creek Charles Jamison If and gas exploration and production parters, located at 601 57th Street, SE.
Cour Distr Quad Copi may Char obta	nty: Mariet: Lidrangle: Carlies of the star be obtained rleston, WV lined from the cice is herel	arshall berty ameron the Erosion ar from the Sec 25304 (304- e Secretary b	cretary, at the WV E 926-0450). Copies by visiting <u>www.dep</u>	Public Road A Watershed: Generally use I Manual and the statutes an Department of Environmenta of such documents or addit	Access: d farm name: d rules related to of I Protection headquional information related to the related to th	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production parters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Cour Distr Quad Copi may Char obta Noti	inty: Mariet: Lidrangle: Callies of the star be obtained rleston, WV lined from the lice is here! I Operator:	arshall berty ameron Ite Erosion ar from the Sec 25304 (304- e Secretary b by given by sww.product	eretary, at the WV E -926-0450). Copies by visiting <u>www.dep</u>	Public Road A Watershed: Generally use Manual and the statutes an Department of Environmenta of such documents or addit	Access: d farm name: d rules related to of I Protection headquional information rulefault.aspx.	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production warters, located at 601 57 th Street, SE, elated to horizontal drilling may be Suite 201
Cour Distr Quad Copi may Char obta Noti	inty: Mariet: Lidrangle: Callies of the state be obtained rleston, WV lined from the lice is here! I Operator: ephone:	arshall berty ameron the Erosion ar from the Sec 25304 (304- e Secretary b	cretary, at the WV E 1926-0450). Copies by visiting <u>www.dep</u> : ION COMPANY, LLC	Public Road A Watershed: Generally use I Manual and the statutes an Department of Environmenta of such documents or addit	Access: d farm name: d rules related to of I Protection headquional information related to the related to th	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production warters, located at 601 57th Street, SE, related to horizontal drilling may be Suite 201

Operator Well No. Charles Jamison MSH

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

entry				nned Entry: 4/25/2019	ys out no more tha	in FORTY-FIVE (45) days prior to
Deliv	very method pu	rsuant to Wes	st Virginia C	ode § 22-6A-10a		
	PERSONAL SERVICE	REG	STERED	☐ METHOD OF DEI RECEIPT OR SIGN		
on to but n bene- owne- and S Secre enabl	the surface trace o more than fort oth such tract that or of minerals un dediment Contro	to conduct an y-five days pri thas filed a de derlying such Manual and to ment shall inconer to obtain o	y plat surveys for to such ent eclaration pur- tract in the co- he statutes an elude contact is	s required pursuant to this a try to: (1) The surface owne suant to section thirty-six, a unty tax records. The notic d rules related to oil and ga information, including the a	rticle. Such notice s or of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosio roduction may be obtained from the age on the Secretary's web site, to
				П сол	L OWNER OR LE	CCCE
	SURFACE OWNER(s)					
Addr	Name:		Address:	Name:Address:		
	:					
Addr	ess:			■ MINI	ERAL OWNER(s)	
				Name: Kar		· · · · · · · · · · · · · · · · · · ·
Name	:			Address:	11519 Domina ST	
Addr	ess:			Richmond, TX		
					h additional forms if ne	cessary
Pursu	survey on the tr	ginia Code § 2 act of land as	2-6A-10(a), n follows:		e undersigned well	operator is planning entry to conduct
Coun	-			Public Road		Grapevine Road CR 25/31
Distri	-					Upper Fish Creek
Quad	rangle: Cameron			Generally use	d farm name:	Cherles Jamison
may l Charl	e obtained from eston, WV 2530	the Secretary 4 (304-926-0	at the WV D 450). Copies	epartment of Environmenta	I Protection headquional information re	il and gas exploration and production parters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Most	a in homeles of	nam barr				
VITTI	e is hereby gi		2414117	196348		
		RODUCTION COL	IPANY, LLC	Address:	1300 Fort Pierpont Dr., 5	Suite 201
Well	Operator: swn					
Well	hone: 304-88	4-1610 /_woody@swn.com		Facsimile:	Morgantown, WV 26508 304-884-1690	

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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

entr		quirement:	Notice shall be prov	ided at least SEVEN (7) day	s but no more than	n FORTY-FIVE (45) days prior to
Dat	te of Notice:	4/18/2019	Date of Plan	nned Entry: 4/25/2019		
Del	ivery method	d pursuant	to West Virginia C	ode § 22-6A-10a		
	PERSONA	L I	REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	QUIRES A
	SERVICE		MAIL	RECEIPT OR SIGN		
on t but ben owr and Sec ena	to the surface no more than eath such trac ner of mineral Sediment Co retary, which ble the surface	tract to cond forty-five do to that has fill Is underlying ontrol Manual statement side owner to co	duct any plat survey: lays prior to such ended a declaration pur g such tract in the co- al and the statutes and thall include contact betain copies from the	is required pursuant to this and try to: (1) The surface owner remain to section thirty-six, are punty tax records. The notice and rules related to oil and gas information, including the ac-	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pr	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
	tice is hereby					and a
	SURFACE				OWNER OR LE	
Nan	ne:			Name:		
Add	iress:			Address: _		
Nar	ne:			-		
Add	dress:			■ MINE	RAL OWNER(s)	
					ron Sue Tuersley	,
Nar	ne:			Address: 3	3250 Stillwater Ave NW	
Add	dress:			Canton, OH 44		
_				*please attacl	additional forms if ne	cessary
Pur	tice is herel suant to Wes	t Virginia Co	ode § 22-6A-10(a), 1	notice is hereby given that th	e undersigned well	l operator is planning entry to conduct
a ni	at curvey on	the tract of	and as tollows.			
	at survey on te:	the tract of I	and as follows:	Approx. Latit	ude & Longitude:	39.792781, -80.608056
Stat	te: w	est Virginia		D. I.P. D I.	ude & Longitude:	39.792781, -80,608056 Grapevine Road CR 25/31
Stat	te: w	est Virginia	and as follows:	D. I.P. D I.		
Stat Cou Dis	te: w	lest Virginia arshall berty		Public Road A	Access:	Grapevine Road CR 25/31
Stat Cou Dis Qua Cop may Cha	te: Wunty: M. trict: Lit adrangle: Ca pies of the sta y be obtained arleston, WV	lest Virginia arshall berty ameron ate Erosion a from the Se 25304 (304	nd Sediment Contro cretary, at the WV I 1-926-0450). Copies	Public Road A Watershed: Generally use of Manual and the statutes and Department of Environmenta	Access: d farm name: d rules related to o I Protection headq ional information r	Grapevine Road CR 25/31 Upper Fish Creek
Stat Cou Dis Qua Cop may Cha obta	te: Wanty: Martict: Like adrangle: Cappies of the star by be obtained arleston, WV ained from the	test Virginia arshall berty ameron at Erosion a from the Se 25304 (304 as Secretary	nd Sediment Contro ecretary, at the WV I 1-926-0450). Copies by visiting <u>www.der</u>	Public Road A Watershed: Generally use of Manual and the statutes and Department of Environmenta s of such documents or additi	Access: d farm name: d rules related to o I Protection headq ional information r	Upper Fish Creek Charles Jamison Il and gas exploration and production uarters, located at 601 57 th Street, SE,
Stat Cou Dis Qua Cop may Cha obta	te: Wanty: Manual Manua	test Virginia arshall berty ameron arte Erosion a from the Se 25304 (304 ae Secretary l by given by	nd Sediment Contro ceretary, at the WV I 1-926-0450). Copies by visiting <u>www.der</u>	Public Road A Watershed: Generally use of Manual and the statutes and Department of Environmenta s of such documents or additi p.wv.gov/oil-and-gas/pages/c	Access: d farm name: d rules related to o I Protection headquional information relefault.aspx.	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
Stat Cot Dis Qua Cop may Cha obta No We	te: Wanty: Manual Manua	dest Virginia arshall berty ameron arte Erosion a from the Se 25304 (304 ae Secretary l by given by swn product	nd Sediment Contro ecretary, at the WV I 1-926-0450). Copies by visiting <u>www.der</u>	Public Road A Watershed: Generally use of Manual and the statutes and Department of Environmenta s of such documents or additi	d farm name: d rules related to o I Protection headquional information related to the fault.aspx.	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be Suite 201
Stat Cot Dis Qua Cop may Cha obta No We	te: Wanty: Manty: Manty: Like trict: Like adrangle: Calcius of the stary be obtained ar leston, WV ained from the tice is herelall Operator: ephone:	test Virginia arshall berty ameron arte Erosion a from the Se 25304 (304 ae Secretary l by given by	nd Sediment Contro cretary, at the WV I I-926-0450). Copies by visiting www.der V:	Public Road A Watershed: Generally use of Manual and the statutes and Department of Environmenta s of such documents or additi p.wv.gov/oil-and-gas/pages/c	Access: d farm name: d rules related to o I Protection headquional information relefault.aspx.	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be Suite 201

WW-6A3 (1/12)

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

	e Requireme	nt: Notice shall be prov	vided at least SEVEN (7) da	ys but no more than	n FORTY-FIVE (45) days prior to
entry Date of Not	tice: 4/18/2019	Date of Plan	nned Entry: 4/25/2019		
Delivery m	ethod pursua	nt to West Virginia C	ode § 22-6A-10a		
□ PERS	ONAL	REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	EOUIRES A
SERV	- 4.15	MAIL	RECEIPT OR SIGN		
on to the su but no more beneath suc owner of mand Sedime Secretary, venable the s	rface tract to ce than forty-fiv h tract that has inerals underly nt Control Ma which statemen urface owner	conduct any plat survey be days prior to such en is filed a declaration pur- ying such tract in the co- mual and the statutes ar it shall include contact to obtain copies from the	s required pursuant to this ar- try to: (1) The surface owner suant to section thirty-six, a punty tax records. The notice of rules related to oil and gas information, including the a	ticle. Such notice s r of such tract; (2) t rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
	ereby provide		Поси		COPP
	ACE OWNER	5.6		LOWNER OR LE	
Name:			_ Name:		
Address					
Name:					
Address:			_ III MINI	ERAL OWNER(s)	
			_ Name: Gar	y Fletcher	
Name:			_ Address:	381 Jim Corbin Rd	
Address: _				8734 h additional forms if ne	account.
			_ prease anac	n additional forms if he	cessary
Pursuant to a plat surve State: County:	y on the tract of West Virginia Marshall		Approx. Latit Public Road A	ude & Longitude:	Grapevine Road CR 25/31
District:	Liberty		Watershed:	d famous manage	Upper Fish Creek
Quadrangle	; Cameron		Generally use	d farm name:	Charles Jamison
may be obta Charleston, obtained fro	ained from the WV 25304 (3 om the Secreta	Secretary, at the WV I 304-926-0450). Copies ry by visiting <u>www.der</u>	Department of Environmenta	l Protection headq ional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
	ereby given	and the same of th			
Well Opera	-	DUCTION COMPANY, LLC	Address:	1300 Fort Pierpont Dr.,	
Telephone:	304-884-16		Facsimile:	Morgantown, WV 26508	3
Email:	brittany_woo	ody@swn.com	racsimile:	304-884-1690	
22.00	5 B S S S S	Land Co.			

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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

Date of Notice:	4/18/2019	Date of Plan	nned Entry: 4/25/2019		n FORT Y-FIVE (45) days prior to	
Delivery metho	od pursuant i	to West Virginia C	ode § 22-6A-10a			
☐ PERSONA	2-5	REGISTERED	☐ METHOD OF DELI			
SERVICE		MAIL	RECEIPT OR SIGNA	ATURE CONFIR	MATION	
on to the surface but no more that beneath such tra owner of miners and Sediment C Secretary, which	e tract to cond in forty-five d act that has fil als underlying Control Manua h statement sl	duct any plat survey, ays prior to such en- led a declaration pur g such tract in the co al and the statutes an	s required pursuant to this arti- try to: (1) The surface owner- rsuant to section thirty-six, art punty tax records. The notice and rules related to oil and gas information, including the ad-	icle. Such notice so of such tract; (2) to icle six, chapter to shall include a stream exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to	
Notice is hereb		0:	-			
	OWNER(s)			OWNER OR LE		
Name:			Name:	Name:		
Address:		Address:	Address:			
Address:			- I MINE	RAL OWNER(s)		
				is Gosney		
Name:			_ Address: 91	is Gosney 4 W. Dorothy Ln		
Address:			Dayton, OH 454			
			*please attach	additional forms if ne	cessary	
12. W. G. S.			notice is hereby given that the	undersigned wel	l operator is planning entry to conduct	
Pursuant to Wes a plat survey on State: County:	the tract of la		Public Road A	de & Longitude: ccess:	39.752781, -80.603056 Grapevine Road CR 25/31	
a plat survey on State: Value State: Value State: Value Stat	the tract of la West Virginia Marshall Liberty		Public Road A Watershed:	ccess:	Grapevine Road CR 25/31 Upper Fish Creek	
Pursuant to Wes a plat survey on State: County: District: Quadrangle: 2	the tract of la West Virginia Marshall Liberty Cameron		Public Road A Watershed: Generally used	farm name:	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison	
Pursuant to Wes a plat survey on State: County: District: Quadrangle: Copies of the st may be obtained Charleston, WV	the tract of la West Virginia Marshall Liberty Cameron ate Erosion and from the Sec 7 25304 (304-	nd Sediment Contro cretary, at the WV I -926-0450). Copies	Public Road A Watershed: Generally used of Manual and the statutes and Department of Environmental	farm name: rules related to o Protection headqual information r	Grapevine Road CR 25/31 Upper Fish Greek Charles Jamison il and gas exploration and production	
Pursuant to Wes a plat survey on State: County: District: Quadrangle: Copies of the st may be obtained from the state of	the tract of la West Virginia Marshall Liberty Cameron ate Erosion and from the Sec 7 25304 (304- the Secretary by	nd Sediment Contro cretary, at the WV I -926-0450). Copies by visiting <u>www.dep</u>	Public Road A Watershed: Generally used of Manual and the statutes and Department of Environmental s of such documents or addition	farm name: rules related to o Protection headqual information r	Grapevine Road CR 25/31 Upper Fish Greek Charles Jamison il and gas exploration and production uarters, located at 601 57 th Street, SE,	
Pursuant to Wes a plat survey on State: County: District: Quadrangle: Copies of the st may be obtained from the Notice is here	the tract of la West Virginia Marshall Liberty Cameron ate Erosion at d from the Set 7 25304 (304) the Secretary by	nd Sediment Contro cretary, at the WV I -926-0450). Copies by visiting www.dec	Public Road A Watershed: Generally used of Manual and the statutes and Department of Environmental s of such documents or addition	farm name: rules related to o Protection headq nal information r fault.aspx.	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be	
Pursuant to Wes a plat survey on State: County: District: Quadrangle: Copies of the st may be obtained Charleston, WV	the tract of la West Virginia Marshall Liberty Cameron ate Erosion at d from the Set 7 25304 (304) the Secretary by	nd Sediment Contro cretary, at the WV I -926-0450). Copies by visiting <u>www.dep</u>	Public Road Adwatershed: Generally used of Manual and the statutes and Department of Environmental s of such documents or addition	farm name: rules related to o Protection headqual information r	Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be Suite 201	

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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

Noti		equirement:	Notice shall be prov	vided at least SEV	VEN (7) day	ys but no more than	n FORTY-FIVE (45) days prior to
Date	e of Notice:	4/18/2019	Date of Plan	nned Entry: 4/25	/2019	_	
Deli	very metho	od pursuant	to West Virginia C	ode § 22-6A-10a			
	PERSONA	AL III	REGISTERED	☐ METHO	D OF DEL	IVERY THAT RE	QUIRES A
	SERVICE		MAIL	RECEIP	T OR SIGN	NATURE CONFIR	MATION
on to but i bene own and Secr	the surface no more that eath such tra- er of minera Sediment Coretary, which	e tract to cond in forty-five d act that has fil als underlying control Manua h statement sl	duct any plat surveys ays prior to such end led a declaration pur g such tract in the co all and the statutes an	s required pursua try to: (1) The su suant to section to ounty tax records. id rules related to information, incl	ont to this ar rface owner thirty-six, and The notice oil and gas	ticle. Such notice s r of such tract; (2) to rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned entry 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 age on the Secretary's web site, to
Noti	ice is hereb	y provided to	0:				
	SURFACE	OWNER(s)			☐ COAL	LOWNER OR LE	SSEE
Nam	ne:				Name:		
Add	ress:			3, 2	Address:		
Nam	ne:				[E]		
Add	ress:			-		ERAL OWNER(s)	
Mam	10.			3		id Shayne Fromhart 10052 Bedford Rd	
Add	ress:			- 1	Address: Spring Hill, HL		
				5		h additional forms if ne	cessary
Purs a pla State Cour Dist	nt survey on e: <u>v</u> nty: <u>N</u> rict: <u>L</u>	st Virginia Co	ode § 22-6A-10(a), nand as follows:	Ap Pu W	oprox. Latite blic Road A atershed:	ude & Longitude:	operator is planning entry to conduct 39,792781,-80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison
may Char obta Not Well	be obtained rleston, WV ined from the	d from the Set 25304 (304) he Secretary b by given by	cretary, at the WV I -926-0450). Copies by visiting <u>www.dep</u>	Department of En of such docume o,wv.gov/oil-and-	vironmenta nts or additi	Il Protection headqional information r lefault.aspx.	
Ema		-	Service across		Facsimile:	Morgantown, WV 26508	
Ellia	an;	brittany_woody@	gswn.com	-	racsimile:	304-884-1690	
Oil	and Gas F	rivacy Noti	ice.				

Operator Well No. Charles Jamison MSH WW-6A3 (1/12)

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

		quirement:	Notice shall be prov	vided at least SEVEN (7) day	ys but no more that	FORTY-FIVE (45) days prior to
entr Dat	y e of Notice:	4/18/2019	Date of Plan	nned Entry: 4/25/2019			
Deli	ivery metho	d pursuant	to West Virginia C	ode § 22-6A-10a			
	PERSONA	T. 🔳	REGISTERED	☐ METHOD OF	Œ	IVERY THAT RE	OUIRES A
_	SERVICE	ш =	MAIL			NATURE CONFIR	
on to but a bene own and Secretarial	o the surface no more than eath such tra- eer of minera Sediment C retary, which ble the surfa-	e tract to cond in forty-five do cet that has fill als underlying ontrol Manual in statement since owner to co	duct any plat survey, ays prior to such en led a declaration pur g such tract in the co al and the statutes ar hall include contact obtain copies from the	s required pursuant to the try to: (1) The surface of suant to section thirty-si- bunty tax records. The n and rules related to oil and information, including t	is an wner x, a otic l gas	rticle. Such notice s r of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned entry 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 age on the Secretary's web site, to
		y provided t OWNER(s)		По	041	L OWNER OR LE	CCEE
Nan	ne: Iress:			Addre	ss:		
				_			
Add	ress:			- M	INI	ERAL OWNER(s)	
				- , , , , , , , , , , , , , , , , , , ,		dy Cardinal, fikia Mindy M.	arie Zufra
Nan	ne:			Addre		10403 Red Rose Dr	
Add	ress:			Wadswo		H 44281	
-				- *please	attac	h additional forms if ne	cessary
Purs a pla Stat Cou Dist	at survey on e: <u>v</u> mty: <u>h</u> trict; <u>L</u>	t Virginia Co	ode § 22-6A-10(a), 1 and as follows:	Approx. I Public Ro Watershe	atit ad /	ude & Longitude:	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison
May Cha obta Not We	be obtained urleston, WV ained from the tice is here II Operator:	I from the Se 25304 (304 he Secretary by given by SWN PRODUC	cretary, at the WV I -926-0450). Copies by visiting <u>www.de</u> p	Department of Environm	enta ddit ges/	al Protection headq tional information r default.aspx. 1800 Fort Pierpont Dr.,	
	ephone:	304-884-1610		-		Morgantown, WV 26508	
Em	ail:	brittany_woody@	ijswn.com	Facsim	ile:	304-884-1690	
Ott	and Can I	Primar Not	400				

WW-6A3 (1/12)

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

	Requirement:	Notice shall be prov	ded at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
entry Date of Notice	ce: 4/18/2019	Date of Plan	ned Entry: 4/25/2019
Delivery me	thod pursuant	to West Virginia C	de § 22-6A-10a
☐ PERSO	NAI 🔳	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVIC	. 14 444	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the surf but no more t beneath such owner of min and Sedimen Secretary, wh enable the sur	ace tract to cond than forty-five d tract that has fil erals underlying t Control Manualich statement sl rface owner to co	duct any plat surveys ays prior to such en- led a declaration pur- g such tract in the co- al and the statutes an hall include contact obtain copies from the	rior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days by to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams that to section thirty-six, article six, chapter twenty-two of this code; and (3) any party tax records. The notice shall include a statement that copies of the state Erosion of rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to a secretary.
	eby provided to	0:	
	CE OWNER(s)		☐ COAL OWNER OR LESSEE
Name:			Name:
Address:			
Name:			
Address:			■ MINERAL OWNER(s)
			Name: Michael Cunningham
Name:			Address: 3 Hemlock Dr
Address:			Canton, MA 02021
			"please attach additional forms if necessary
Pursuant to V	on the tract of la West Virginia Marshall		
Quadrangle:	Cameron		Generally used farm name: Charles Jamison
Copies of the	ned from the Sec VV 25304 (304)	cretary, at the WV D -926-0450). Copies	Manual and the statutes and rules related to oil and gas exploration and production epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx .
obtained from	wahr giron be		
obtained from Notice is he	reby given by		Address: 1000 Cat Clarest Co. C. to 200
obtained from Notice is he Well Operato	r: SWN PRODUCT	TON COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201
obtained from		TON COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508 Facsimile: 304-884-1690

Operator Well No. Charles Jamison MSH

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

Notic	e Time R	lequirement:	Notice shall be prov	ded at least SEVEN (7) da	ys but no more thai	n FORTY-FIVE (45) days prior to	
	of Notice	: 4/18/2019	Date of Plan	ned Entry: 4/25/2019	_		
Deliv	ery meth	od pursuant t	to West Virginia C	de § 22-6A-10a			
	PERSON	AL I	REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	EQUIRES A	
	SERVICE		MAIL	RECEIPT OR SIGN			
on to but no benea owne and S Secre enabl	the surface o more that the such to r of miner dediment (stary, whice the surf	te tract to cond an forty-five d act that has fill als underlying Control Manua ch statement sl ace owner to co	duct any plat survey ays prior to such en led a declaration put g such tract in the co al and the statutes ar hall include contact obtain copies from the	required pursuant to this a ry to: (1) The surface owner mant to section thirty-six, a anty tax records. The notice of rules related to oil and ga information, including the a	rticle. Such notice s r of such tract; (2) t rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to	
		by provided to		- Ann			
	SURFACI	E OWNER(s)			LOWNER OR LE		
Name	e:			Name:			
Addr	ess:			Address:	Address:		
Name	e:						
Addr	ess:			■ MIN	ERAL OWNER(s)	,	
				Name: Ba	bara Jean Bruhn		
Name	2:			Address:	527 21st St. NW		
Addr	ess:				0.00		
_				*please attac	h additional forms if ne	ecessary	
Pursu	ant to We		ode § 22-6A-10(a), a and as follows:		ne undersigned wel	l operator is planning entry to conduct 39.792781,-80.608056	
Coun		Marshall		Public Road	Access:	Grapevine Road CR 25/31	
Distr	LECT.	Liberty		Watershed:	A Continue	Upper Fish Creek	
Quad	rangle:	Cameron		Generally use	ed farm name:	Charles Jamison	
may Charlobtai	be obtaine leston, W ned from	ed from the Se V 25304 (304 the Secretary l eby given by	cretary, at the WV I -926-0450). Copies by visiting <u>www.de</u> p	epartment of Environment	al Protection headq tional information r	il and gas exploration and production uarters, located at 601 57th Street, SE, related to horizontal drilling may be	
	hone:	304-884-1610	HON COMPANY, LLC	Addiess.	Morgantown, WV 2650		
			Section 2015	Facsimile:	304-884-1690	0	
Emai		brittany_woody@					

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

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

	Requirement:	Notice shall be prov	ded at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
entry Date of Noti	ce: 4/18/2019	Date of Pla	ned Entry: 4/25/2019
Delivery me	thod pursuant	to West Virginia C	de § 22-6A-10a
☐ PERSO	NAL I	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVIO		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the sur- but no more beneath such owner of mir and Sedimen Secretary, wi enable the su	face tract to con- than forty-five of tract that has fi- nerals underlying t Control Manu- hich statement surface owner to o	duct any plat survey lays prior to such en led a declaration pur g such tract in the co al and the statutes ar hall include contact obtain copies from the	rior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days y to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams mant to section thirty-six, article six, chapter twenty-two of this code; and (3) any anty tax records. The notice shall include a statement that copies of the state Erosion if rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to be secretary.
	reby provided t		C COAL CURE OF LEGGE
	CE OWNER(s)		☐ COAL OWNER OR LESSEE
Name:			Name:
Address:			Address:
Name:			
Address:			MINERAL OWNER(s)
			Name: Bleck Gold Group, LTD
Name:			Address: PO Box 85
Address:			Stratsburg, OH 44680
			*please attach additional forms if necessary
Pursuant to 1	on the tract of I West Virginia Marshall Liberty	ode § 22-6A-10(a), and as follows:	Approx. Latitude & Longitude: 39.792781, 80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison
may be obtain	ined from the Se WV 25304 (304	cretary, at the WV 14-926-0450). Copies	Manual and the statutes and rules related to oil and gas exploration and production epartment of Environmental Protection headquarters, located at 601 57th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx .
obtained from	ereby given by	Y: TION COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201
obtained from Notice is how Well Operat	or: SWN PRODUC		Address: 1300 Fort Pierpont Dr., Suite 201 Morganiown, WV 26508
obtained from		TION COMPANY, LLC	

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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

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entry Date of Notice:	4/18/2019	Date of Plan	nned Entry: 4/25/2019	
Delivery metho	od pursuant t	to West Virginia C	Code § 22-6A-10a	
☐ PERSONA	12	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A	
SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION	
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice	e tract to cond in forty-five d act that has fil als underlying control Manua h statement si	duct any plat surveys ays prior to such ent led a declaration pur g such tract in the co al and the statutes an	Prior to filing a permit application, the operator shall provide notice of planned as required pursuant to this article. Such notice shall be provided at least seven of try to: (1) The surface owner of such tract; (2) to any owner or lessee of coal sersuant to section thirty-six, article six, chapter twenty-two of this code; and (3) ounty tax records. The notice shall include a statement that copies of the state indicates related to oil and gas exploration and production may be obtained from information, including the address for a web page on the Secretary's web site, the secretary.	lays ams any crosion the
Notice is hereb	y provided to	D:		
☐ SURFACE	OWNER(s)		☐ COAL OWNER OR LESSEE	
Name:			Name:Address:	
Address:				
Name:				
			■ MINERAL OWNER(s)	
Name			Name: Naomi Daiger Address: 15372 Marshallville St. NW	
Address:			Canal Fulton, OH 44614	
			*please attach additional forms if necessary	
a plat survey on	st Virginia Co the tract of la Vest Virginia	ode § 22-6A-10(a), r and as follows:	notice is hereby given that the undersigned well operator is planning entry to co Approx. Latitude & Longitude: 39.792781,-80.608056 Public Road Access: Grepevine Road CR 25/31	nduct
County: 1	Marshall Liberty Cameron		Watershad	
County: District: Quadrangle: Copies of the st may be obtained Charleston, WV	ate Erosion and from the Section 25304 (304) the Secretary by	nd Sediment Contro cretary, at the WV I -926-0450). Copies by visiting <u>www.der</u>	Watershed: Upper Fish Creek	t, SE,

Oil and Gas Privacy Notice:

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

		Requirement:	Notice shall be prov	ided at	least SEVEN (7) day	ys but no more than	n FORTY-FIVE (45) days prior to	
Date		e: 4/18/2019	Date of Plan	ned E	ntry: 4/25/2019			
Deli	very meth	od pursuant	to West Virginia Co	ode § 2	2-6A-10a			
П	PERSON	IAI 🔳	REGISTERED	П	METHOD OF DEL	IVERY THAT RE	COUIRES A	
	SERVICE		MAIL	-	RECEIPT OR SIGN			
on to but r bene own and Secr enab	the surfa- no more the eath such the er of mine Sediment retary, while the surfa-	ce tract to con- tan forty-five of ract that has five rals underlying Control Manusch statement state face owner to con-	duct any plat surveys lays prior to such ent led a declaration pur g such tract in the co al and the statutes an hall include contact in obtain copies from the	s requirery to: (suant to unty tax d rules informa	ed pursuant to this ar 1) The surface owner b section thirty-six, and x records. The notice related to oil and gas ation, including the an	ticle. Such notice s r of such tract; (2) to rticle six, chapter to e shall include a sta e exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to	
		by provided t			Поом	OHDED OUT	oorr.	
		E OWNER(s)				LOWNER OR LE		
Nam	1e:			1	Name:			
Add	ress:				Address.			
Nam	ne:							
Add	ress:				■ MINE	ERAL OWNER(s)		
					Name: Cha		/	
Nam	ne:					5692 Hampton Dr.	/	
Add	ress:			-0		San Jose, CA 95120 *please attach additional forms if necessary		
-				-	*please attac	h additional forms if ne	cessary	
Purs a pla State Cou Dist	tuant to Wat survey of the sur	on the tract of I West Virginia Marshall Liberty	ode § 22-6A-10(a), n and as follows:		Approx. Latit	ude & Longitude: Access:	Joperator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison	
Lun			7 - 1			- Addin Hollies		
may	be obtain rleston, W	ed from the Se V 25304 (304	cretary, at the WV I -926-0450). Copies	Departm of such	ent of Environmenta	l Protection headqi ional information r	il and gas exploration and production uarters, located at 601 57th Street, SE, related to horizontal drilling may be	
Not	ice is her	eby given by	y•					
	l Operator		TION COMPANY, LLC		Address:	1300 Fort Pierpont Dr.,	Suite 201	
	phone:	304-884-1610				Morgantown, WV 26508		
Ema	•	brittany_woody@	Dswn.com		Facsimile:	304-884-1690		
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Oil and Gas Privacy Notice:

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

	ne Requirem	ent: Notice shall be prov	ided at least SEVEN (7) day	s but no more than	FORTY-FIVE (45) days prior to	
entry Date of No	otice: 4/18/2019	Date of Plan	nned Entry: 4/25/2019			
			1. 6 22 64 10-			
Delivery n	nethod pursu	ant to West Virginia Co	ode § 22-6A-10a			
☐ PERS	SONAL	■ REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	QUIRES A	
SERV	VICE	MAIL	RECEIPT OR SIGN	ATURE CONFIR	MATION	
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	FACE OWNE	2000		OWNER OR LE		
Name:						
Address:						
Name:				Jan San San		
Address:			_ III MINE	ERAL OWNER(s)		
			_ Name: Ann	e Marie Strebel		
				Address: 149 Briar Ridge Dr		
Address:			San Jose, VA	San Jose, VA 95123 *please attach additional forms if necessary		
			_ · piease attaci	accitional forms if he	cessary	
Pursuant to	west Virginia Marshall Liberty	ia Code § 22-6A-10(a), r of land as follows:		ude & Longitude: Access:	operator is planning entry to conduct 39,792781, -80,608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison	
may be ob Charlestor obtained fi Notice is Well Oper	tained from the n, WV 25304 from the Secret hereby give rator: SWN PRO	ne Secretary, at the WV I (304-926-0450). Copies tary by visiting www.dep n by:	Department of Environmenta	I Protection headqional information r default.aspx.		
Telephone		A COLUMN TO THE PARTY OF THE PA	Distant	Morgantown, WV 26508	5	
Email:	brittany_v	лоо dy@ swn. co m	Facsimile:	304-884-1690		
Email:	brittany_w	la se	Facsimile:	304-884-1690		

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Operator Well No. Charles Jamison MSH

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entry Date of Not	ice: 4/18/2019	Date of Plan	ned Entry: 4/25/2019
	ethod pursuant to	Wast Vinginia Co	vde \$ 22.64.10g
Jenvery m	etnou pursuant to	west virginia Co	nie g 22-0A-10a
☐ PERSO	ONAL E F	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVI	CE I	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
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			☐ COAL OWNER OR LESSEE
	ACE OWNER(s)		
Address:			Name:Address:
Vame:			I AD TER AL CONDITION
Address: _			
Vame:			Name: Kelly Thomason Address: 287 Wilber Dr. NE Apt. 2
Name:			
			* 1
			*please attach additional forms if necessary
Notice is he Pursuant to a plat surve State: County:	west Virginia Cod y on the tract of lar West Virginia Marshall	e § 22-6A-10(a), r	otice is hereby given that the undersigned well operator is planning entry to conduct Approx. Latitude & Longitude: 39.792781, -80.608055 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
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entry Date of Not	ice: 4/18/2019	Date of Pla	nned Entry: 4/25/2019		n FORTY-FIVE (45) days prior to	
Delivery me	ethod pursuant	to West Virginia C	ode § 22-6A-10a			
□ PERSO SERVI		REGISTERED MAIL	☐ METHOD OF DEL RECEIPT OR SIGN			
on to the sur but no more beneath such owner of min and Sedimen Secretary, we enable the su	face tract to con than forty-five of tract that has finerals underlyin at Control Manu hich statement s	duct any plat survey days prior to such entitled a declaration pur g such tract in the coal and the statutes and thall include contact obtain copies from the	is required pursuant to this are try to: (1) The surface owner rsuant to section thirty-six, a punty tax records. The notice and rules related to oil and gas information, including the a	ticle. Such notice s r of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to	
	CE OWNER(s)		Псол	L OWNER OR LE	CCEE	
Name:			Name:			
Address:			Address:			
Name:						
Address:			■ MINI	ERAL OWNER(s)		
				All the second s		
Name:			Address:	Address: 847 Basswood Ave		
Address:			Canal Fulton,	Canal Fulton, OH 44614		
10000				please attach additional forms if necessary		
Pursuant to V a plat survey		ode § 22-6A-10(a), r and as follows:	Approx. Latit	ude & Longitude:		
County:	1.95		Watershall	Access:	Grapevine Road CR 25/31	
County: District:	Liberty		Watershed:		Upper Fish Creek	
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County: District: Quadrangle: Copies of the may be obtai Charleston, V obtained from	cameron e state Erosion a ined from the Se WV 25304 (304 m the Secretary ereby given by	and Sediment Contro ecretary, at the WV I 4-926-0450). Copies by visiting <u>www.dep</u> y:	Watershed: Generally use I Manual and the statutes an Department of Environmenta s of such documents or addit o.wv.gov/oil-and-gas/pages/o	d farm name: d rules related to of I Protection headquional information rulefault.aspx.	Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57th Street, SE, elated to horizontal drilling may be	
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DATE OF INOTE	ce: 4/18/2019	Date of Plan	nned Entry: 4/25/2019			
Delivery me	thod pursuant	to West Virginia C	ode § 22-6A-10a			
□ PERSO SERVIO		REGISTERED MAIL		ELIVERY THAT RE		
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	CE OWNER(s)		Псо	AL OWNER OR LE	CCEE	
Address:			Address			
Address:				Address:		
Name:			1			
Address:			■ MD	NERAL OWNER(s)		
pentern.				ric Thomason	- 1	
Name:			Address	288 Crittenden Way, Apt 6		
Name:	Name:			Rochester, NY 14623		
Name: Address:			Rochester,	NY 14023		
Address:			*please at	ach additional forms if ne	cessary	
Notice is he Pursuant to V a plat survey State: County:	ereby given: Vest Virginia Co on the tract of la West Virginia Marshall	ode § 22-6A-10(a), n	*please at notice is hereby given that Approx. La Public Road	ach additional forms if ne the undersigned wel titude & Longitude:	l operator is planning entry to conduct 39.792781,-80.608056 Grapevine Road CR 25/31	
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Oil and Gas Privacy Notice:

WW-6A3 (1/12)

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entry Date of Notice	e: 4/18/2019	Date of Plan	e Prison en havening			
Dalissons math		Date of Flai	ned Entry: 4/25/2019			
Denvery men	od pursuant t	o West Virginia C	de § 22-6A-10a			
☐ PERSON	IAL I	REGISTERED	☐ METHOD OF DEI	IVERY THAT RE	QUIRES A	
SERVICE	E	MAIL	RECEIPT OR SIGN	NATURE CONFIR	MATION	
on to the surfa but no more th beneath such t owner of mine and Sediment Secretary, whi	ce tract to cond an forty-five d ract that has fill rals underlying Control Manua ch statement si	luct any plat survey: ays prior to such ent ed a declaration pur such tract in the co Il and the statutes an	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 gat formation, including the a	rticle. Such notice s r of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned entry 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 age on the Secretary's web site, to	
Notice is here	by provided to):				
☐ SURFAC	E OWNER(s)		☐ COA	LOWNER OR LE	SSEE	
Name:	2000		Name:	The state of the		
Address:			Address:			
Name: Address:			■ MIN	ERAL OWNER(s)		
				dley Paul Hamel	/	
Name:				Address: 25100 Vista Murietta Rd Apt 43 Murrieta, CA 92562		
Address:				"please attach additional forms if necessary		
	est Virginia Co	ode § 22-6A-10(a), r and as follows:	Approx. Lati Public Road Watershed:	ude & Longitude:	operator is planning entry to conduct 39,792781, -80,808056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison	
may be obtain Charleston, W obtained from Notice is her	ed from the Se V 25304 (304 the Secretary because by reby given by swn product	cretary, at the WV I -926-0450). Copies by visiting <u>www.der</u>	epartment of Environment	al Protection headq tional information r default.aspx. 1300 Fort Pierpont Dr.,		
Telephone.	304-884-1610 britteny_woody@	COLOR	Facsimile:	Morgantown, WV 26508 304-884-1690	,	
Email:			Pacsimile.	2014-2014-1690		



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		ded at least TEN (10) days prior to filing a te Permit Application Filed:	A Company of the Comp	
Delivery met	nod pursuant to West Virginia Co	de § 22-6A-16(b)		
☐ HAND	■ CERTIFIED MAIL			
DELIVE		REQUESTED		
receipt reques drilling a hori of this subsec- subsection ma and if availab	ted or hand delivery, give the surfact zontal well: <i>Provided</i> . That notice ion as of the date the notice was pro- y be waived in writing by the surfact	e owner notice of its intent to enter upon the given pursuant to subsection (a), section to evided to the surface owner: <i>Provided, howe</i> owner. The notice, if required, shall included address of the operator and the operator	an operator shall, by certified mail return the surface owner's land for the purpose of an of this article satisfies the requirements wever. That the notice requirements of this lude the name, address, telephone number, or's authorized representative.	
	amison and Jean Jamison	Name:		
Address: 90 Li	erty Street	Address:		
Seville	, OH 44273			
State: County: District: Quadrangle:	West Virginia Marshall Liberty District Cameron	UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name:	533,582.713 4,404,735.670 Grapevine Ridge Road Charles Jamison	
Watershed:	Maggoty Run	Generally used failth manter		
Pursuant to V	ber and electronic mail address of	this notice shall include the name, add the operator and the operator's authorize in the Secretary, at the WV Department of	ress, telephone number, and if available, ed representative. Additional information	
related to hor located at 601	57th Street, SE, Charleston, WV 25	304 (304-926-0450) or by visiting www.de	ep.wv.gov/oil-and-gas/pages/default.aspx.	
ocated at 601	57th Street, SE, Charleston, WV 25 reby given by:	304 (304-926-0450) or by visiting www.da Authorized Representative:	ep.wv.gov/oil-and-gas/pages/default.aspx.	
Notice is he	57th Street, SE, Charleston, WV 25	304 (304-926-0450) or by visiting <u>www.de</u>	ep.wv.gov/oil-and-gas/pages/default.aspx.	
ocated at 601 Notice is he Well Operator	57th Street, SE, Charleston, WV 25 reby given by: : SWN Production Company, LLC	304 (304-926-0450) or by visiting <u>www.de</u> Authorized Representative:	p.wv.gov/oil-and-gas/pages/default.aspx.	
ocated at 601 Notice is he Well Operator	57th Street, SE, Charleston, WV 25 reby given by: SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201	304 (304-926-0450) or by visiting <u>www.de</u> Authorized Representative:	Justin Booth 1300 Fort Pierpont Drive, Suite 201	
Notice is here Well Operator Address:	57th Street, SE, Charleston, WV 25 reby given by: SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508	304 (304-926-0450) or by visiting <u>www.de</u> Authorized Representative: Address:	Justin Booth 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508	

Oil and Gas Privacy Notice:

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 Notic		it least TEN (10) days prior to filing a rmit Application Filed:	
Delivery met	hod pursuant to West Virginia Code §	22-6A-16(b)	
☐ HAND	■ CERTIFIED MAIL		
DELIVE		QUESTED	
receipt reques drilling a hori of this subsec subsection ma and if availab	sted or hand delivery, give the surface ow izontal well: <i>Provided</i> , That notice given tion as of the date the notice was provided by be waived in writing by the surface ow le, facsimile number and electronic mail a	ner notice of its intent to enter upon the pursuant to subsection (a), section tend to the surface owner: <i>Provided, hower.</i> The notice, if required, shall includdress of the operator and the operator	an operator shall, by certified mail return ne surface owner's land for the purpose of an 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 nei	reby provided to the SURFACE OV	Name:	
Address: 3780		Address:	
10.0 To 10.0 T	eron, WV 26033	11000000	*
the curface ou	vest Virginia Code § 22-6A-16(b), notice	is hereby given that the undersigned	well operator has an intent to enter upon
the surface ov State: County:	vner's land for the purpose of drilling a ho West Virginia Marshall	orizontal well on the tract of land as fo UTM NAD 83 Easting: Northing:	well operator has an intent to enter upon illows: 533,582.713 4,404,735.670 Grapevine Ridge Road
the surface ov State: County: District:	vner's land for the purpose of drilling a ho West Virginia Marshall Liberty District	orizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access:	llows: 533,582.713 4,404,735.670
the surface ov State: County:	vner's land for the purpose of drilling a ho West Virginia Marshall	orizontal well on the tract of land as fo UTM NAD 83 Easting: Northing:	1lows: 533,582.713 4,404,735.670 Grapevine Ridge Road
the surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to Version of the numer of the pursuant	West Virginia Marshall Liberty District Cameron Maggoty Run Shall Include: West Virginia Code § 22-6A-16(b), this other and electronic mail address of the fizontal drilling may be obtained from the	orizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addroperator and the operator's authorize e Secretary, at the WV Department of	1lows: 533,582.713 4,404,735.670 Grapevine Ridge Road
the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nun related to hor located at 601	West Virginia Marshall Liberty District Cameron Maggoty Run Shall Include: West Virginia Code § 22-6A-16(b), this other and electronic mail address of the fizontal drilling may be obtained from the	orizontal well on the tract of land as for Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addroperator and the operator's authorize e Secretary, at the WV Department of (304-926-0450) or by visiting www.de	of the state of th
the surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to Values and the surface of the surface	West Virginia Marshall Liberty District Cameron Maggoty Run Shall Include: West Virginia Code § 22-6A-16(b), this inber and electronic mail address of the rizontal drilling may be obtained from the 157th Street, SE, Charleston, WV 25304 (creby given by:	orizontal well on the tract of land as for Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addroperator and the operator's authorized e Secretary, at the WV Department of (304-926-0450) or by visiting www.defactor.	of the state of th
the surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to Versuant to Versuant to Netice at 601 Notice is he	West Virginia Marshall Liberty District Cameron Maggoty Run Shall Include: West Virginia Code § 22-6A-16(b), this inber and electronic mail address of the rizontal drilling may be obtained from the 157th Street, SE, Charleston, WV 25304 (creby given by:	orizontal well on the tract of land as for Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addroperator and the operator's authorize e Secretary, at the WV Department of (304-926-0450) or by visiting www.de	of the state of th
the surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to Versional to the facsimile number of the facsimile of	West Virginia Marshall Liberty District Cameron Maggoty Run Shall Include: West Virginia Code § 22-6A-16(b), this other and electronic mail address of the fizontal drilling may be obtained from the 157th Street, SE, Charleston, WV 25304 (creby given by: r: SWN Production Company, LLC	orizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addroperator and the operator's authorize e Secretary, at the WV Department of (304-926-0450) or by visiting www.de Authorized Representative: Address:	bllows: 533,582.713 4,404,735.670 Grapevine Ridge Road Charles Jamison ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth
the surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to Versional to the facsimile number of the facsimile of	West Virginia Marshall Liberty District Cameron Maggoty Run Shall Include: West Virginia Code § 22-6A-16(b), this rizontal drilling may be obtained from the fizontal drilling may be obtained from the 57 th Street, SE, Charleston, WV 25304 (reby given by: SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201	orizontal well on the tract of land as for Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addroperator and the operator's authorized e Secretary, at the WV Department of (304-926-0450) or by visiting www.defactor.	bllows: 533,582.713 4,404,735.670 Grapevine Ridge Road Charles Jamison ress, 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
the surface over State: County: County: District: Quadrangle: Watershed: This Notice Pursuant to Vertice and to hor located at 601 Notice is he Well Operato Address:	West Virginia Marshall Liberty District Cameron Maggoty Run Shall Include: West Virginia Code § 22-6A-16(b), this inber and electronic mail address of the rizontal drilling may be obtained from the street of	orizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addroperator and the operator's authorize e Secretary, at the WV Department of (304-926-0450) or by visiting www.de Authorized Representative: Address:	of the state of th

Oil and Gas Privacy Notice:

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	Requirement: Notice shall be provided at the: 12/06/2021 Date Pe	at least TEN (10) days prior to filing a ermit Application Filed:		
Delivery met	hod pursuant to West Virginia Code §	22-6A-16(b)		
☐ HAND	■ CERTIFIED MAIL			
DELIVE		QUESTED		
receipt request drilling a horion of this subsect subsection mand if availab	ted or hand delivery, give the surface ow zontal well: <i>Provided</i> , That notice give tion as of the date the notice was provide by be waived in writing by the surface ow the, facsimile number and electronic mail	when notice of its intent to enter upon the pursuant to subsection (a), section to the dead to the surface owner: <i>Provided, howerer</i> . The notice, if required, shall included address of the operator and the operator	an operator shall, by certified mail return ne surface owner's land for the purpose of en of this article satisfies the requirements rever. That the notice requirements of this ude the name, address, telephone number, or's authorized representative.	
Notice is he Name: Mitchell?	reby provided to the SURFACE O	WNER(s): Name:		
Address: 911)		Address:		
The second second	pans, WV 25177	110010351		
State: County: District:	West Virginia Marshall Liberty District	UTM NAD 83 Easting: Northing: Public Road Access:	533,582.713 4,404,735.670 Grapevine Ridge Road	
Quadrangle:	Cameron	Generally used farm name:	Charles Jamison	
Watershed:	Maggoty Run			
Oursuant to Version of the Pursuant to Version of the Pursuant Telephone of the Pursuant Telepho	ber and electronic mail address of the izontal drilling may be obtained from th	operator and the operator's authorize the Secretary, at the WV Department o	ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.	
Notice is he	reby given by: :: 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	
acsimile:		Facsimile:		

Oil and Gas Privacy Notice:

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		wided at least TEN (10) days prior to filing a pate Permit Application Filed:	permit application.
Delivery met	hod pursuant to West Virgin		
☐ HAND	■ CERTIFIED M	L	
DELIVE		PT REQUESTED	
receipt request drilling a horiof this subsection mand if availab	sted or hand delivery, give the sizontal well: <i>Provided</i> , That notion as of the date the notice way be waived in writing by the sle, facsimile number and electrons.	t ten days prior to filing a permit application, ace owner notice of its intent to enter upon the given pursuant to subsection (a), section to provided to the surface owner: <i>Provided, how</i> ace owner. The notice, if required, shall include mail address of 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 ude the name, address, telephone number,
Notice is ne	reby provided to the SURF	Name:	
	Edgington Lane #15	Address:	
The state of the s	eling, WV 26003		
State: County: District:	West Virginia Marshall Liberty District	UTM NAD 83 Easting: Northing: Public Road Access:	533,582,713 4,404,735.670 Grapevine Ridge Road
Quadrangle:	Cameron	Generally used farm name:	Charles Jamison
Watershed:	Maggoty Run		
Pursuant to Vacsimile numerated to hor	ber and electronic mail addressizental drilling may be obtained	b), this notice shall include the name, addr of the operator and the operator's authorize from the Secretary, at the WV Department of 25304 (304-926-0450) or by visiting www.de	ed representative. Additional information f Environmental Protection headquarters,
		8-9 1 V 108 1 1 1 1 1 A 11	
	reby given by:	Authorized Dangagantations	Listin Dooth
Well Operato	: SWN Production Company, LLC	Address:	
	SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201	Authorized Representative: Address:	1300 Fort Pierpont Drive, Suite 201
Well Operato Address:	SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508	Address:	1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508
Well Operator Address: Felephone:	1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 304-884-1675	Address: Telephone:	1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 304-884-1675
Well Operato Address:	SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508	Address:	1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508

Oil and Gas Privacy Notice:

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

Duite,	of Notice:		· · · · · · · · · · · · · · · · · · ·	cation Filed:	1/31/2022	
Delive	ery metho	od pursuant to West Virginia	Code § 22-6	6A-16(c)		
	CERTIFIE	ED MAIL	□ H/	AND		
		RECEIPT REQUESTED		ELIVERY		
return the pla require drilling damag (d) Th of noti	receipt re anned ope ed to be pi g of a hor ges to the s e notices i ice.	quested or hand delivery, give eration. The notice required rovided by subsection (b), sec rizontal well; and (3) A prop- surface affected by oil and gas	e the surface of by this subse- tion ten of thit osed surface soperations to be given to the	owner whose land ection shall inclusing article to a surfuse and compensor the extent the date surface owner and	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 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
(at the	address li	isted in the records of the sher				
		Jamison and Jean Jamison		Name:		
		C. C. C. C. C. C. C. C. C. C. C. C. C. C		A d d d	**	
Addre Notice Pursua	ss: 90 Libert Seville, O e is hereb; ant to Wes ion on the	H 44273 y given: st Virginia Code § 22-6A-16(c	e), notice is he purpose of di	Address ereby given that the	ne undersigned	well operator has developed a planned act of land as follows:
Notice Pursua operat State: Count	seville, O	H 44273 y given:	e), notice is he purpose of di	ereby given that the cilling a horizonta UTM NAD 8	ne undersigned of well on the tra Easting: Northing:	ct of land as follows: 533,582,713 4,404,735,670
Notice Pursua operat State: County District	seville, O	y given: st Virginia Code § 22-6A-16(c e surface owner's land for the Vest Virginia tarshall iberty District	e), notice is he purpose of di	ereby given that the rilling a horizonta UTM NAD 8 Public Road	ne undersigned of well on the tra Easting: Northing:	ct of land as follows: 533,582,713 4,404,735.670 Grapevine Ridge Road
Notice Pursua operat State: Count District Quadra	seville, O	y given: st Virginia Code § 22-6A-16(c e surface owner's land for the Vest Virginia tarshall iberty District	e), notice is he purpose of di	ereby given that the rilling a horizonta UTM NAD 8 Public Road	ne undersigned of well on the tra Easting: Northing:	ct of land as follows: 533,582,713 4,404,735,670
Notice Pursua	seville, O	y given: st Virginia Code § 22-6A-16(c e surface owner's land for the Vest Virginia tarshall iberty District	e), notice is he purpose of di	ereby given that the rilling a horizonta UTM NAD 8 Public Road	ne undersigned of well on the tra Easting: Northing:	ct of land as follows: 533,582,713 4,404,735.670 Grapevine Ridge Road
Notice Pursua operat State: Count Distric Quadr Water: This N Pursua to be horizo surface inform headqu	seville, O e is hereby ant to Wes ion on the y: My angle: Shed: Motice Sha ant to Wes provided antal well; e affected aution rela	y given: st Virginia Code § 22-6A-16(c e surface owner's land for the Vest Virginia stershall siberty District sameron staggoly Run all Include: st Virginia Code § 22-6A-16(c by W. Va. Code § 22-6A-10 and (3) A proposed surface u by oil and gas operations to ated to horizontal drilling ma ocated at 601 57th Street, SE	c), this notice (b) to a surfice and comporthe extent the	ereby given that the cilling a horizontal UTM NAD 8 Public Road Generally use a shall include: (1 ace owner whose ensation agreement defrom the Secretal fr	he undersigned of well on the tra Easting: Northing: Access: ed farm name:)A copy of this e land will be undersigned arm papersable undersy, at the WV	code section; (2) The information required as din conjunction with the drilling of an offer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection
Notice Pursua operat State: County District Quadry Water: This N Pursua to be horizo surface inform headquas/pa	seville, O e is hereby ant to Wes ion on the y: Met: angle: Shed: Motice Sha ant to Wes provided antal well; e affected nation rela uarters, lo	y given: st Virginia Code § 22-6A-16(c e surface owner's land for the Vest Virginia tarshall identy District tameron laggoly Run all Include: st Virginia Code § 22-6A-16(c by W. Va. Code § 22-6A-16(c and (3) A proposed surface u by oil and gas operations to atted to horizontal drilling ma becated at 601 57th Street, SE lt.aspx.	c), this notice (b) to a surfice and comporthe extent the	ereby given that the cilling a horizontal UTM NAD 8 Public Road Generally use a shall include: (1 ace owner whose ensation agreement defrom the Secretal fr	he undersigned of well on the tra Easting: Northing: Access: ed farm name:)A copy of this e land will be undersigned arm papersable undersy, at the WV	act of land as follows: 533,582,713 4,404,735,670 Grapevine Ridge Road Charles Jamison MSH code section; (2) The information required used in conjunction with the drilling of a noffer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-
Notice Pursua operat State: County District Quadry Water: This M Pursua to be horizo surface inform headquas/pa	seville, O e is hereby ant to Wes ion on the y: Met: Angle: Shed: Motice Sha ant to Wes provided antal well; e affected nation rela uarters, lo ges/defau Operator:	y given: st Virginia Code § 22-6A-16(c e surface owner's land for the Vest Virginia stershall siberty District sameron staggoly Run all Include: st Virginia Code § 22-6A-16(c by W. Va. Code § 22-6A-10 and (3) A proposed surface u by oil and gas operations to ated to horizontal drilling ma ocated at 601 57th Street, SE	c), this notice (b) to a surfice and comporthe extent the	ereby given that the cilling a horizontal UTM NAD 8 Public Road Generally used ashall include: (1) acce owner whose ensation agreement of from the Secretary, WV 25304	he undersigned of well on the tra Easting: Northing: Access: ed farm name: Acopy of this e land will be undersing arompensable undersy, at the WV (304-926-0450)	code section; (2) The information required used in conjunction with the drilling of an offer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-Drive, Suite 201

duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact

DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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

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

Date	of Notice:	12/06/2021	Date Permit A	application Filed:	1/31/2022	
Deliv	very metho	od pursuant to West	Virginia Code §	22-6A-16(c)		
H	CERTIFI	ED MAIL		HAND		
		RECEIPT REQUES	ΓED	DELIVERY		
return the p requi drilli dama (d) T of no	n receipt re planned ope ired to be p ng of a ho ages to the the notices orice.	equested or hand delivieration. The notice re- provided by subsection rizontal well; and (3) surface affected by oil required by this section by provided to the SU isted in the records of	ery, give the surfa equired by this s (b), section ten of A proposed surfa and gas operation on shall be given to RFACE OWNE	Face owner whose lar subsection shall include this article to a sur- face use and comper- ons to the extent the country to the surface owner	nd will be used for ade: (1) A copy face owner whose asation agreement lamages are compatible and 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 se land will be used in conjunction with the nt containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
Name Addr Notice Pursu opera	ce is hereb uant to Wes	n, wv 26033 y given: st Virginia Code § 22- e surface owner's land		Addre is hereby given that of drilling a horizont	the undersigned	well operator has developed a planned act of land as follows:
Name Addr Notic Pursu opera State	ce is herebuant to Westation on the	, wv 26033 y given: st Virginia Code § 22-		Addre	the undersigned al well on the tra	ect of land as follows:
Name Addr Notic Pursu opera	ress: 3780 Gr Cameron ce is hereb uant to Wes ation on th :	n, wv 26033 by given: st Virginia Code § 22- e surface owner's land West Virginia Marshall		Addre is hereby given that of drilling a horizont	the undersigned all well on the tra 83 Easting: Northing:	ect of land as follows: 533,582.713
Name Addr Notice Pursu opera State Cour Distr	ress: 3780 Gr Cameron ce is hereb mant to Wes ation on th :	n, wv 26033 ny given: st Virginia Code § 22- e surface owner's land West Virginia		is hereby given that of drilling a horizont UTM NAD Public Road	the undersigned all well on the tra 83 Easting: Northing: Access:	act of land as follows: 533,582.713 4,404,735.670
Name Addr Notice Pursu opera State Cour Distr Quad	ress: 3780 Gr Cameron ce is herebuant to Westation on the: the control of the c	n, WV 26033 y given: st Virginia Code § 22- e surface owner's land West Virginia Marshall Liberty District		is hereby given that of drilling a horizont UTM NAD Public Road	the undersigned all well on the tra 83 Easting: Northing:	act of land as follows: 533,582.713 4,404,735.670 Grapevine Ridge Road
Notice No	ress: 3780 Gr Cameron ce is herebuant to Westation on the: trict: Latrangle: Cershed: Notice Shouant to Westation to Westation relation relation relations.	n, wv 26033 by given: st Virginia Code § 22- e surface owner's land West Virginia Marshall Liberty District Cameron Maggoty Run all Include: st Virginia Code § 22- by W. Va. Code § 2- and (3) A proposed s I by oil and gas opera ated to horizontal dril ocated at 601 57th Sta	-6A-16(c), this no 22-6A-10(b) to a surface use and co tions to the exter ling may be obta	is hereby given that of drilling a horizont UTM NAD Public Road Generally use of the series of the damages are called from the Secretary to the series of the damages are called from the Secretary to the damages are called from the Secretary to the damages are called from the Secretary to the damages are called from the Secretary to the damages are called from the Secretary to the secretary to the damages are called from the Secretary to the s	the undersigned al well on the tra 83 Easting: Northing: Access: sed farm name: 1)A copy of this se land will be a compensable understry, at the WV	act of land as follows: 533,582.713 4,404,735.670 Grapevine Ridge Road
Nam Addr Notice Pursu opera State Cour Distr Quad Wate This Pursu to be horiz surfa infor head gas/p	ress: 3780 Gr Cameron ce is hereb mant to Wes ation on th : thriangle: 4 thriangle: 4 thriangle: 5 thriangle: 4 thriangle: 5 thriangle: 6 thriangle: 6 thriangle: 6 thriangle: 6 thriangle: 6 thriangle: 6 thriangle: 7 thriangle: 6 thriangle: 6 thriangle: 6 thriangle: 7 thriangle: 7 thriangle: 6 thriangle: 6 thriangle: 7 thriangle	y given: st Virginia Code § 22- e surface owner's land Vest Virginia Marshall Liberty District Cameron Maggoty Run all Include: st Virginia Code § 22- by W. Va. Code § 2- and (3) A proposed s land you and you are atted to horizontal drill pocated at 601 57th Stall lit.aspx.	-6A-16(c), this no 22-6A-10(b) to a surface use and co tions to the exter ling may be obta- reet, SE, Char	is hereby given that of drilling a horizont UTM NAD Public Road Generally use of the series of the damages are called from the Secretary to the series of the damages are called from the Secretary to the damages are called from the Secretary to the damages are called from the Secretary to the damages are called from the Secretary to the damages are called from the Secretary to the secretary to the damages are called from the Secretary to the s	the undersigned al well on the tra 83 Easting: Northing: Access: sed farm name: I)A copy of this se land will be a compensable undertary, at the WV (304-926-0450)	set of land as follows: 533,582.713 4,404,735,670 Grapevine Ridge Road Charles Jamison code section; (2) The information required used in conjunction with the drilling of a noffer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-
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Oil and Gas Privacy Notice:

Operator Well No. Chindes Jumison MSH 606H

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

Delis	ery meth	od pursuant to West Virginia	Code 8	22-6A-16(c)		
	cry meth	iod pursuant to viest virginia	code 8.	22-0/4-10(C)		
10	CERTIF	IED MAIL		HAND		
	RETUR	N RECEIPT REQUESTED		DELIVERY		
return the p requi drillin dama (d) T of no	n receipt re lanned op red to be ng of a he ges to the he notices tice.	requested or hand delivery, give beration. The notice required by provided by subsection (b), section orizontal well; and (3) A propo- e surface affected by oil and gas as required by this section shall be	the surfa y this su on ten o sed surfa operation e given t	ace owner whose land absection shall inclu f this article to a surface use and compens to the extent the day of the surface owner as	I will be used for de: (1) A copy ace owner whose sation agreement amages are com	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
		by provided to the SURFACE listed in the records of the sherit				
Name			/	Name:		
	ess: 911 Hil	licrest Drive	_/	Addres	s:	
Addr Notic Pursu	ess: 911 Hill St. Alba	by given: est Virginia Code § 22-6A-16(c)		Address s hereby given that the	ne undersigned	well operator has developed a planned
Addr Notic Pursu opera State: Coun	ess: 911 Hill St. Alba ee is herel lant to We tion on the	ns, W√ 25177 by given:		Address s hereby given that the	ne undersigned Il well on the tra Easting: Northing:	
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Operator Well No. Charles Jamison MSH 5061

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

Date of Notice	ce: 12/06/2021 Date Permit	Application Filed: 1/3/2027	
Delivery me	hod pursuant to West Virginia Code	§ 22-6A-16(c)	
■ CERTI	FIED MAIL] HAND	
	RN RECEIPT REQUESTED	DELIVERY	
return receipt the planned of required to be drilling of a damages to the (d) The notice of notice.	requested or hand delivery, give the sur- operation. The notice required by this e provided by subsection (b), section ten horizontal well; and (3) A proposed su- ne surface affected by oil and gas operati- es required by this section shall be given by provided to the SURFACE OWN is listed in the records of the sheriff at the	rface owner whose land will be used for subsection shall include: (1) A copy of this article to a surface owner who rface use and compensation agreement ions to the extent the damages are computed to the surface owner at the address like time of notice):	ication, an operator shall, by certified mail for the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the nt containing an offer of compensation for spensable under article six-b of this chapter, sted in the records of the sheriff at the time
Address: 159 Whee	Zwick Edgington Lane #15 elling, WV 26003 eby given: Vest Virginia Code § 22-6A-16(c), notice	Name:Address:e is hereby given that the undersigned	well operator has developed a planned
Address: 159 Wheel Notice is her Pursuant to V operation on	eby given: Vest Virginia Code § 22-6A-16(c), notice the surface owner's land for the purpose	Address: e is hereby given that the undersigned e of drilling a horizontal well on the tra	act of land as follows:
Notice is her Pursuant to V operation on State:	eby given: Vest Virginia Code § 22-6A-16(c), notice the surface owner's land for the purpose West Virginia	e is hereby given that the undersigned e of drilling a horizontal well on the tra	act of land as follows: 533,582.713
Address: 159 Whee	eby given: Vest Virginia Code § 22-6A-16(c), notice the surface owner's land for the purpose West Virginia Marshall	Address: e is hereby given that the undersigned e of drilling a horizontal well on the tra UTM NAD 83 Rorthing:	533,582.713 4,404,735.670
Address: 159 Whee	eby given: Vest Virginia Code § 22-6A-16(c), notice the surface owner's land for the purpose West Virginia Marshall Liberty District	Address: e is hereby given that the undersigned e of drilling a horizontal well on the tra UTM NAD 83 Easting: Northing: Public Road Access:	act of land as follows: 533,582.713 4,404.735.670 Grapevine Ridge Road
Address: 159 Whee	eby given: Vest Virginia Code § 22-6A-16(c), notice the surface owner's land for the purpose West Virginia Marshall	Address: e is hereby given that the undersigned e of drilling a horizontal well on the tra UTM NAD 83 Rorthing:	533,582.713 4,404,735.670
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Address: 159 Whee	eby given: Vest Virginia Code § 22-6A-16(c), notice the surface owner's land for the purpose West Virginia Marshall Liberty District Cameron Maggety Run Shall Include: Vest Virginia Code § 22-6A-16(c), this read by W. Va. Code § 22-6A-10(b) to a coll; and (3) A proposed surface use and steel by oil and gas operations to the extremation of the collection of the coll	Address: e is hereby given that the undersigned of drilling a horizontal well on the trace of drilling a horizontal well on the trace of drilling a horizontal well on the trace of drilling and the properties of the properties of the properties of the damages are compensable understand from the Secretary, at the WV	act of land as follows: 533,582.713 4,404,735.670 Grapevine Ridge Road Charles Jamison code section; (2) The information required used in conjunction with the drilling of a n offer of compensation for damages to the der article six-b of this chapter. Additional / Department of Environmental Protection) or by visiting www.dep.wv.gov/oil-and-Drive , Suite 201



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

December 3, 2021

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

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 Charles Jamison Pad, Marshall County

Charles Jamison 606H Well Site

Dear Mr. Martin,

D. Alan Reed, P.E.

State Highway Engineer

This well site will be accessed from a DOH permit #06-2018-0459 which has been issued to SWN Production Company, LLC for access to the State Road for a well site located off Marshall County Route 25/1 SLS MP 3.5.

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 WV Department of Central Office O&G Coordinate Wironmental Protection

Dary K. Clayton

Brittany Woody Cc:

SWN Production Company, LLC

CH, OM, D-6

File

AI-303 (U.S. Well Services)	Product Use Mixture	Ethylene glycol	CAS Number 107-31 1
" See feren treil est vices)	HINTE	Cinnamaldehyde	107-21 1
		Butyl cellosolve	111-76 2
		Formic acid	64-13 6
		Polyether	Proprietary
		Acetophenone, thiourea, formaldehyde polymer	68527-49 1
AP ONE (U.S. Well Services)	Breaker	Ammonium persulfate	7727-54-0
Bactron K-139 (Champion Technologies)	Biocide	Glutaraldehyde	111-30-8
section is 200 (similaries) rectinionegrapy	Diocide	Cidatalidettybe	111-50-5
		Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides	68424-85-1
Bactron K-219 (Champion Technologies)	Biocide	Ethanol Methanol	64-17-5 67-56-1
Section (CEES (Grantpion rectificion) est	biocide	Wichidalo	07-30-1
		Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides	68424-85-1
CarboNRT	Tracer	Ceramic Proppant	66402-68-4
C6486A (Nalco Champion)	Scale Inhibitor	Amine Triphosphate	Proprietary
		Ethylene Glycol	107-21-1
C6734A (Champion Technologies)	Blocide	Hydrogen Peroxide	7722-84-1
		Acetic Acid	64-19-7
		Peroxyacetic Acid	79-21-0
cono-Cl200 (SWN Well Services)	Corrosion Inhibitor	Methanol	67-56-1
		Oxyalkylated fatty acid	68951-67-7
		Fatty acids	61790-12-3
		Modified thiourea polymer	68527-49-1
		Water	7732-18-5
		Hydrochloric acid	7647-01-0
		Potassium acetate	127-08-2
		Formaldehyde	50-00-0
copal-FEAC (SWN Well Services)	Iron Control	Acetic Acid	64-19-7
		Citric Acid	77-92-9
		Water	7732-18-5
OP-51176-15 (Halliburton)	Friction Reducer	Polyacylate	Proprietary
		Hydrotreated light petroleum distillate	64742-47-8
LOJET DR900 LPP (SWN Well Services)	Friction Reducer	Distillates (petroleum) hydrotreated light	64574-47-8
		Ethylene Glycol	107-21-1
		Alcohols, C12-15, Exoxylated propoxylated	68213-24-1
		Fatty Alcohols ethoxylated	Proprietary
		Water	7732-18-5
LOJET DRP 1130X (SWN Well Services)	Friction Reducer	Proprietary	Proprietary
R-76 (Halliburton)	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8
		Inorganic Salt	Proprietary
SYPTRON T-390 (Champion Technologies)	Scale Inhibitor	Methanol	67-56-1
		Nonylphenol Ethoxylate	Proprietary
HAI-150E (Halliburton)	Corrosion Inhibitor	No hazardous substance	N/A
HCL (SWN Well Services)	Hydrocholic Acid	Hydrochloric Acid	7647-01-0
TOTAL CONTRACTOR OF THE PARTY O		Water	7732-18-5
P-65 MC (Halliburton)	Scale Inhibitor	Organic phosphonate	Proprietary
a os wo (rames)	Dame () ((ma) ta)	Ammonium Chloride	12125-02-9
OPTI-FLEX (U.S. Well Services)	Viscosifying Agent	Distillates, petroleum, hydrotreated light	54742-47-8
	Friction Reducer	Copolymer of 2-propenamide	Proprietary
Plexslick 930	Friction Neducer	Hydrotreated Distillate	54742-47-8
		Sodium Chloride	7647-14-5
		Alcohole C17-15 Evanulated	58551-12-2
		Oleic Acid Diethanolamide	93-83-4
		Ammonium Chloride Office RECEIVED	12125-02-9
Plexslick 953	Friction Reducer	Petroleum Distillate	64742-47-8
FIGASIICK 723	rinction neducer	Sodium Chloride	7647-14-5
		Petroleum Distillate Sodium Chloride Ammonium Chloride Petroleum Distillate Sodium Chloride Ammonium Chloride Ammonium Chloride Ammonium Chloride N,N-bis (2-hydroxyethyl) oleamide	12125-02-9
		N,N-bis (2-hydroxyethyl) oleamide	93-83-4
Plexslick 957	Friction Reducer	Petroleum Distillate Ammonium Chloride Oleic Acid Diethanolamide Alcohols (12:16 Executated Alcohols (12:16 Executated)	64742-47-8
PEASIFICE 237	FAIRTON MEDICEL	Ammonium Chloride Environment of	12125-02-9
		Oleic Acid Diethanolamide	93-83-4
		Alcohols, C12-16, Exoxylated	68551-12-2
		Water	7732-15-5
WFRA-2000 (U.S. Well Services)	Anionic Friction Reducer	Hydrotreated light distillate (petroleum)	64742-47-8
The same factor than an thesal	- annual majori (moduce)	Propenoic acid, polymer with propenamide	9003-069
Plexaid 655 NM	Scale Inhibitor	Diethylenetriamine penta (methylene phosphonic acid)	15827-30-8
Plexslick 922	no data available	Copolymer of 2-propenaminde	69418-26-4
concensual of falls	The section in Facility Me	Distillates (petroleum), hydotreated light	64742-47-8
		Ammonium chloride ((NH4)CI)	12125-02-9
		Oleic Acid Diethnolamide	93-83-4
Tolcide PS50A	Biocidal product	Tetrakis (hydroxymethyl) phosphonium sulphate	55566-30-8
***************************************	- Indiana Property	Acrylic acid terpolymer containing carboxylate phosphonate and sulfonate	
		groups	397256-50-7
LD-2950	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8
	. Cran of the work	Ethoxylated alcohol	Proprietary
			2015 Fa - 0 200
		Poly (oxy-1.2-ethanediyl) alpha -tridecylomegahydroxy-, branched	69011-36-5
Legend LD-7750W	Scale Control	Methanol	67-56-1
14C 1 W C 1747	Constitution of	Phosphonic Acid Salt	Proprietary
MC MX 8-4743	Specialty Product	Sodium Nitrate	793/0 4



2000

PROJECT AREA

JAMISON WELL PAD RECLAMATION AS-BUILT MARSHALL COUNTY, WEST VIRGINIA

	SUI	BMITTAL & REVISION RECORD
NO	DATE	DESCRIPTION

LOD				
DESCRIPTION	ACRES			
ROAD DISTURBED AREA	4.34			
PAD DISTURBED AREA	12.20			
TOTAL	16.54			

ENGINEERING ESTIMATE	OF QUAN	TITIES
WELL SITE PAD DATA (R	ECLAMAT	ION)
REMOVE SUMP	3	EA
BREACH BERM	3	EA
5' WIDE 6" DEEP RIP-RAP DISCHARGE CHANNELS	14	CY

SHEET INDEX

151.	TITLE SPEET
EP2.1	EVACUATION ROUTE / PREVAILING WIND
EP2.2	EVACUATION ROUTE / PREVAILING WIND

AS-BUILT OVERVIEW AS3.1

AS3.2 AS-BUILT AS-BUILT A\$3.3

ASSA 1 ACCESS ROAD PROFILE **MRD5.1**

RECLAMATION PLAN OVERVIEW
RECLAMATION PLAN MRD5.2 MRD5.3 RECLAMATION PLAN

RECLAMATION DETAILS MRDER MRD6.4 RECLAMATION DETAILS **MRD6.5** RECLAMATION DETAILS

MRD6.8 RECLAMATION DETAILS RECLAMATION DETAILS

WELL NAME	NAD 83 WEST VIRGINIA NORTH ZONE		
WELL NAME	LATITUDE	LONGITUDE	
6H	39.791892	-80.607655	
8H	39.791886	-80.607620	
10H	39.791879	-80.607586	
206H	39.791899	-80.607690	
210H	39.791873	-80.607551	

WELLSITE LOCATIONS	NAD 83 WEST VIRGINIA NORTH ZONE		
WELLSITE LOCATIONS	LATITUDE	LONGITUDE	
BEGINNING OF MAIN ACCESS ROAD	39.795520	-80.609105	
MAIN ACCESS ROAD AT PAD	39.791964	-80.607535	
CENTER OF PAD	39.792800	-80.608106	
GATHERING AREA	39.794248	-80.608138	

SUBMITTAL & REVISION RECORD		
NO	DATE	DESCRIPTION
Δ		
A		









Civil & Environmental Consultants, Inc. 600 Marketplace Ave · Suite 200 · Bridgeport, WV 26330

Ph: 304.933.3119 · Fax: 304.933.3327

MARCH 2020 DWG SCALE:

K.E.S. CHECKED BY:

SOUTHWESTERN PRODUCTION COMPANY CHARLES JAMISON WELL PAD LIBERTY DISTRICT

MARSHALL COUNTY, WEST VIRGINIA

CHARLES JAMISON RECLAMATION AS-BUILT

TITLE SHEET

REA APPROVED BY: JDR FIGURE NO.: **TS1** AS NOTED PROJECT NO: 170-426

DRAWN BY: DATE:

NORTH

PAD ID 3001168569

ACCEPTED AS-BUILT

PENNSYLVANIA

MARYLAND

3/1/2022

Eastern

