

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

Austin Caperton, Cabinet Secretary www.dep.wv.gov

Tuesday, September 17, 2019 WELL WORK PERMIT Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC POST OFFICE BOX 12359

SPRING, TX 773914954

Permit approval for SHAWN HARLAN MSH 8H Re: 47-051-02264-00-00

by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

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

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

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

James A. Martin

Chief

Operator's Well Number: SHAWN HARLAN MSH 8H Farm Name: SCOTT L. HARLAN & SHAWA

U.S. WELL NUMBER: 47-051-02264-00-00 Horizontal 6A New Drill

Date Issued: 9/17/2019

Promoting a healthy environment.

API	Number:	
API	Number:	

PERMIT CONDITIONS

4705102264

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

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

PERMIT CONDITIONS

4705102264

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, 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)

API NO. 47-051		
OPERATOR WELL	NO.	Snown Harlan MSH 8H
Well Pad Name:	Shawn	Harlan MSH

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

	Enter Company of the	104540004	and as a to 17 Liberty 438 Littleton
) Well Operator: SWN	Production Co., LLC	494512924	O51-Marshal 7-Liberty 438-Littleton County District Quadrangle
	Citere Single Sin	Operator ID	Section 2
) Operator's Well Numb	er: Shawn Harlan MS	SH 8H Well F	Pad Name: Shawn Harlan MSH
) Farm Name/Surface O	wner: Scott L. Harlan & Shawn	D. Harlan Public R	oad Access: Greenfield Road
) Elevation, current grou			ed post-construction: 1391'
) Well Type (a) Gas	x Oil	Ur	nderground Storage
Other			
(b)If Gas		Deep	
	Horizontal ×		Nº 1- gir
) Existing Pad: Yes or N			-
) Proposed Target Form	ation(s), Depth(s), Anti-	cipated Thickness	s and Expected Pressure(s): TVD-7505', Anticipated Trickness- 43', Associated Pressure- 487
Target Formation-Marcellus, Dow	m-Dip well to the South, rarget Top	7 1 V LP 7 100 Z , 1 Biget 5656	
) Proposed Total Vertica	nl Depth: 7485'		
) Formation at Total Ver		S	
0) Proposed Total Meas	ured Depth: 19,024'		
Proposed Horizontal		30'	
2) Approximate Fresh V		489'	
3) Method to Determine		Nearby Well &	Salinity Profile
4) Approximate Saltwat	er Depths: 750' Nearb	y Well	
5) Approximate Coal Se	eam Depths: 1116'		
6) Approximate Depth t	o Possible Void (coal n	nine, karst, other)	: None that we are aware of
7) Does Proposed well lirectly overlying or adja	ocation contain coal sea	ams	No X
(a) If Yes, provide Min-	e Info: Name:		
(a) and E. a	Depth:		
	Seam:		
	Owner:		
	140000000000000000000000000000000000000		

Page 1 of 3

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WW-6B (04/15) API NO. 47- 051 OPERATOR WELL NO. Shawn Harlan MSH 8H
Well Pad Name: Shawn Harlan 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	H-40	94#	100'	100'	CTS
Fresh Water	13 3/8"	New	H-40	48#	589'	589'	557 sx/CTS
Coal	See	Interm	Casing				
Intermediate	9 5/8"	New	J-55	36#	2680'	2680'	1033 sx/CTS
Production	5 1/2"	New	HP-110	20#	19024'	19024'	lead 537sx tail 3119sx/100' inside interne
Tubing			ji E ri				
Liners							

05/28/19

ТҮРЕ	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	1.19/50% Excess
Fresh Water	13 3/8"	17.5"	0.380	2740	633	Class A	1.19/50% Excess
Coal	See	Interm. Casing					
Intermediate	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/50% Excess
Production	5 1/2"	8 3/4"	0.361	12360	9500	Class A	1.20/50% Excess
Tubing							
Liners		4					

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PACKERS

WV Department of Environmental Protection

WW-6B (10/14) 47 05 02264

OPERATOR WELL NO. Shawn Harlan MSH 8H

Well Pad Name: Shawn Harlan MSH

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:	0

NS/29/19

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 water, sand and chemical additives at a high rate. The well will be produced through surface facilities consisting of high pressure production units, vertical separation units, water and oil storage tanks. Max pressure and anticipated max rate ~9000 psig @ 100 barrels per minute.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 11.2
- 22) Area to be disturbed for well pad only, less access road (acres): 7.3
- 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 ***

Office of Oil and Gas

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WV Department of Environmental Protection

25) Proposed borehole conditioning procedures:

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

*Note: Attach additional sheets as needed.

Shawn Harlan 8H AOR

						•
Status	Latitude	Longitude	Vertical TD	Vertical TD Producing Formation	Producing Zones Not Perforated	Men on the Ground
Active Storage Well	39.45	80.35	2271 U	2271 Unknown		No Wells Found
Active Storage Well			3135 51	3135 5th Sand		No Wells Found
Active Storage Well			2336 Bi	2336 Big Injun		No Wells Found
Active Well			3068 Gordon	ordon		No Wells Found
Active WII			7478 N	7478 Marcellus		No Wells Found
Plugged			2498 U	2498 Unknown		No Wells Found

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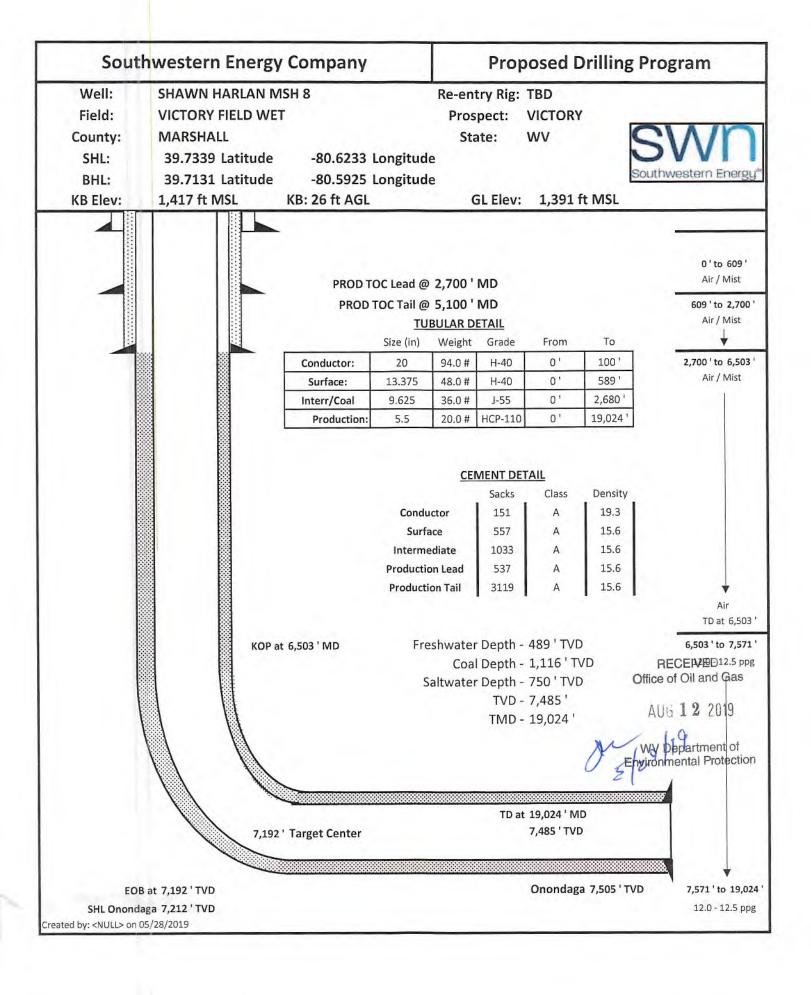
Schlumberger Cement Additives

	Product Name	Product Use	Chemical Name	CAS Number
Surface	5001	accelerator	calcium chloride up to 3%	10043-52-4
Intermediate Surface	5001	accelerator	calcium chloride	10043-52-4
_	D080	dispersant	sodium polynaphthalene sulfonate	9008-63-3
3 3	D801	retarder	aromatic polymer derivative	propriatary
Kick Off Plug	D047	antifoam	polypropylene glycol	25322-69-4
	D167	fluid loss	aliphatic amide polymer	propriatary
Production-Lead	D154	extender	non-crystalline silica	7631-86-9
	D400	gas migration	boric acid	10043-35-3
			polypropylene glycol	25322-69-4
	D046	antifoam	fullers earth (attapulgite)	8031-18-3
			chrystalline silica	14808-60-7
TO:	D201	retarder	metal oxide	propriatary
onpo			sulphonated synthetic polymer	propriatary
Pro	D202	dispersant	formaldehyde (impurity)	propriatary
			polypropylene glycol	25322-69-4
	D046	antifoam	fullers earth (attapulgite)	8031-18-3
=	D167	fluid loss	aliphatic amide polymer	propriatary
			sodium polynaphthalene sulfonate	9008-63-3
Z	D065	dispersant	sodium sulfate	7757-82-6
Production-Tail			chrystalline silica	14808-60-7
npo	D201	retarder	metal oxide	propriatary
Pre	D153	anti-settling	chrystalline silica	14808-60-7

Rev. 5/18/2018

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WW-9 (2/15)

API Number 47 -	051	-
Operator	e Well No	Shawn Harlan MSH 8H

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name SWN Production Co., LLC	OP Code 494512924	
Watershed (HUC 10) Laurel Run of Fish Creek Quadrangle		
Do you anticipate using more than 5,000 bbls of water to complete the proposed Will a pit be used? Yes No V		
If so, please describe anticipated pit waste:	T. Walifu	
	f so, what ml.?	-
Proposed Disposal Method For Treated Pit Wastes:		
Land Application Underground Injection (UIC Permit Number 34-155-22403 Reuse (at API Number at next anticipated well, API# will be incl Off Site Disposal (Supply form WW-9 for disposal lo Other (Explain flow back fluids will be put in steel tanks a	cluded with the WR-34/DDMR &/or permit adde	endum.
Will closed loop system be used? If so, describe: Yes- See Attachment 3A		
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwat	ter, oil based, etc. Air drill to KOP, fluid drill with	SOBM from KOP to TD
-If oil based, what type? Synthetic, petroleum, etc. Synthetic Oil Base		
Additives to be used in drilling medium? Attachment 3B		
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etclandfill	fill	
-If left in pit and plan to solidify what medium will be used? (cement, li		
-Landfill or offsite name/permit number? Meadowfill SWF- 1032, Short Creek SW Argen Langfill 10072, Apex Sanitary Langfill 06-08438, Broo	VF-1034,Carbon Limestone MSWL018781, We	etzel County 1021
Permittee shall provide written notice to the Office of Oil and Gas of any load of West Virginia solid waste facility. The notice shall be provided within 24 hours of where it was properly disposed.	drill cuttings or associated waste r	rejected at any
I certify that I understand and agree to the terms and conditions of the Con August 1, 2005, by the Office of Oil and Gas of the West Virginia Department provisions of the permit are enforceable by law. Violations of any term or conclaw or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and a application form and all attachments thereto and that, based on my inquiry obtaining the information, I believe that the information is true, accurate, and penalties for submitting false information, including the possibility of fine or imp	at of Environmental Protection. I undition of the general permit and/or arm familiar with the information of those individuals immediated complete. I am aware that the	understand that the or other applicable submitted on this ly responsible for
Company Official Signature Mttanu Modu	NOTARY PUBLIC OFFI JESSICA L. VANG	
Company Official (Typed Name) Brittany Woody	State of West Vin	1 20, 2020
Company Official Title Senior Regulatory Analyst	SWN Production Com 179 Innovation Dr. Jane L	ew, WV 26378
- 11 1-0		Office of Oil and Gas
Subscribed and sworn before me this 24th day of Mray	, 20 9 Notary Public	AUG 1 2 2019
My commission expires 1-20-20		WV Department of Environmental Protection

Operator's Well No. Shawn Harlan MSH 8H

Proposed Revegetation Treatment: Acres Dist	urbed 11.2	Prevegetation pH	
Lime as determined by pH test min. 2 Tons/acre or to correct to pH 7.3			
Fertilizer type 10-20-20			
Fertilizer amount 600	lbs/acre		
Mulch_ Hay/Straw 2.5	Tons/acre		
	Seed Mixtures		
Temporary		Permai	nent
Seed Type Ibs/acre		Seed Type	lbs/acre
Attachment 3C			
Attach:			
Drawing(s) of road location nit and proposed			1 11 11 1 1 1 1 1
	area for land application (un	less engineered plans inc	luding this info have be
	area for land application (un	ess engineered plans inc	luding this info have be
provided)		less engineered plans inc	luding this info have be
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Photocopied section of involved 7.5' topograph Plan Approved by: Comments:	hic sheet.		RE

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.

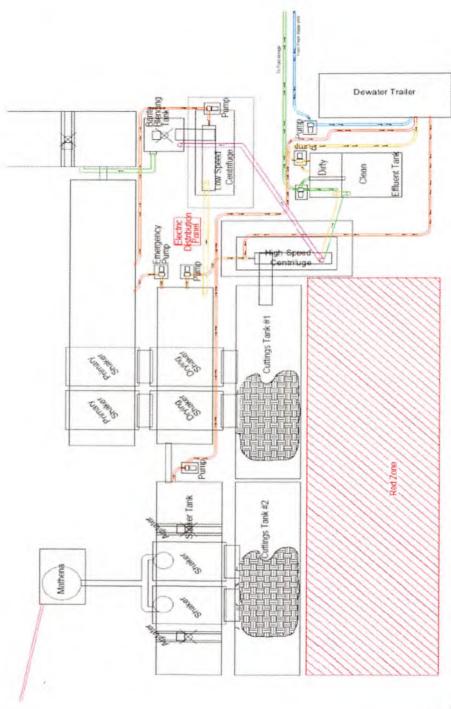
LIQUIDS DRILLING (FRESHWATER, BRINE, SOBM)

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

Brine (In Gas Storage areas)

Organophilic Bentonite

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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Attachment 3C



WVD Seeding Specification

Seed Mixture: SVM Supplied Orthardgrass Timothy Timo	All legumes are All legumes are Anough at 5x normal rate Seed Mixture: SWN Production Organic Mix Organic Timothy ORganic Red or White Clover Apply @ 100lbs per acre Apply @ 200lbs per acre	Mix SWN Supplied 50% 50% 50% 50%
40% 15% 5% 5% All legumes are innoculated at 5x normal rate 5% Apply @ 200lbs per acre Oct. 15th-April 15th PLUS 50lbs per acre of Winter Wheat *Apply @ 2 Tons per Acre Apply @ 2 Tons per Acre *unless otherwise dictated by soil test results Fre *W/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	Organic I Organic I Organic I	
15% 5% All legumes are innoculated at 5x normal rate 5% Apply @ 200lbs per acre 5% Apply @ 200lbs per Acre 5% Apply @ 200lbs per Acre 5% Apply @ 2 Tons per Acre 8 Apply @ 2 Tons per Acre Apply @ 2 Tons per Acre Apply @ 2 Tons per Acre 8 Apply @ 2 Tons per Acre Apply @ 2 Tons per Acre 8 Apply @ 2 Tons per Acre 8 Apply @ 2 Tons per Acre 8 Apply @ 2 Tons per Acre 9 Apply @ 2 Tons per Acre 8 Apply @ 2 Tons per Acre 9 Apply @ 2 Tons pe	Organic I Organic I	50% 50% 50%
5% 5% All legumes are innoculated at 5x normal rate 5% Apply @ 200lbs per acre 0ct. 15th-April 15th PLUS 50lbs per acre of Winter Wheat Apply @ 2 Tons per Acre Apply @ 3 Tons per Acre Apply @ 4 Tons per Acre Apply @ 50lb bags of seed, (4) 50lb Bags of Lime (2x seed in winter months + 50lb Winter	Organic I Organic I	20% 50%
Apply @ 200lbs per acre 5% Apply @ 200lbs per acre 5% Apply @ 200lbs per acre 5% Apply @ 200lbs per acre 6 Oct. 15th-April 15th PLUS 50lbs per acre of Winter Wheat *Apply @ 2 Tons per Acre Apply @ 3 Tons per Acre Apply @ 3 Tons per Acre Apply @ 4 Tons per Acre Apply @ 500lbs per Acre Apply @	Organic I	20% 50%
S% All legumes are innoculated at 5x normal rate 5% Apply @ 200lbs per acre Oct. 15th-April 15th PLUS Solbs per acre of Winter Wheat *Apply @ 2 Tons per Acre Apply @ 2 Tons per Acre Pere *unless otherwise dictated by soil test results re w/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	Organic	20%
S% All legumes are innoculated at 5x normal sys innoculated at 5x normal sys and system in syste		
S% innoculated at 5x normal rate 5% Apply @ 200lbs per acre Oct. 15th-April 15th PLUS 50lbs per acre of Winter Wheat *Apply @ 500lbs per Acre Apply @ 2 Tons per Acre Apply @ 2 Tons per Acre *unless otherwise dictated by soil test results re re *W/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter		
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Apply @ 200lbs per acre Oct. 15th-April 15th PLUS Solbs per acre of Winter Wheat *Apply @ 500lbs per Acre Apply @ 2 Tons per Acre Fre *unless otherwise dictated by soil test results re re W/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	Overanic Ecutilitate @ 2001bc new Acres	mer mide -mer man
*Apply @ 200lbs per acre Oct. 15th-April 15th PLUS 50lbs per acre of Winter Wheat *Apply @ 500lbs per Acre Apply @ 2 Tons per Acre Apply @ 2 Tons per Acre *unless otherwise dictated by soil test results re re W/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	Organic retuinzer @ zoons per Acre	Pelletized Lime @ 2 Tons per Acre
*Apply @ 500lbs per Acre Apply @ 2 Tons per Acre Apply @ 2 Tons per Acre *unless otherwise dictated by soil test results re re W/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	00lbs per acre pril 15th PLUS	
*Apply @ 500lbs per Acre Apply @ 2 Tons per Acre *unless otherwise dictated by soil test results re re w/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	of Winter Wheat WETLANDS (delineated as jurisdictional wetlands)	ional wetlands)
*Apply @ 500lbs per Acre Apply @ 2 Tons per Acre *unless otherwise dictated by soil test results re re w/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	Seed Mixture: Wetland Mix	SWN Supplied
Apply @ 2 Tons per Acre *unless otherwise dictated by soil test results re re w/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	00lbs per Acre VA Wild Ryegrass	20%
*unless otherwise dictated by soil test results ree ree w/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	Tons per Acre Annual Ryegrass	20%
re re re W/LOD, you should be using (2) 50lb bags of seed, (4) 50lb ags of Lime (2x seed in winter months + 50lb Winter	ctated by soil test results Fowl Bluegrass	20%
is One Acre is One	Cosmos 'Sensation'	10%
is One Acre is One Acre is One Acre a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb s0) 50lb bags of Lime (2x seed in winter months + 50lb Winter		2%
is One Acre 1 a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb 10 50lb bags of Lime (2x seed in winter months + 50lb Winter	ffice	2%
n a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb s0) 50lb bags of Lime (2x seed in winter months + 50lb Winter	of JG	2%
a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb s0) 50lb bags of Lime (2x seed in winter months + 50lb Winter	15	2%
o a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb solb bags of Lime (2x seed in winter months + 50lb Winter	2 2	2.5%
30) 50lb bags of Lime (2x seed in winter months + 50lb Winter	Soft Rush	2.5%
	Moolgrass of	2.5%
Special Considerations:	Swamp Verbena S	2.5%
	Apply @ 25lbs per acre	Apply @ 50lbs per acre
Landowner Special Considerations including CREP program participants require additional	equire additional April 16th- Oct. 14th	Oct. 15th- April 15th
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.		NO FERTILIZER OR LIME INSIDE WETLAND LIMITS

Rev. 5/22/2018

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN

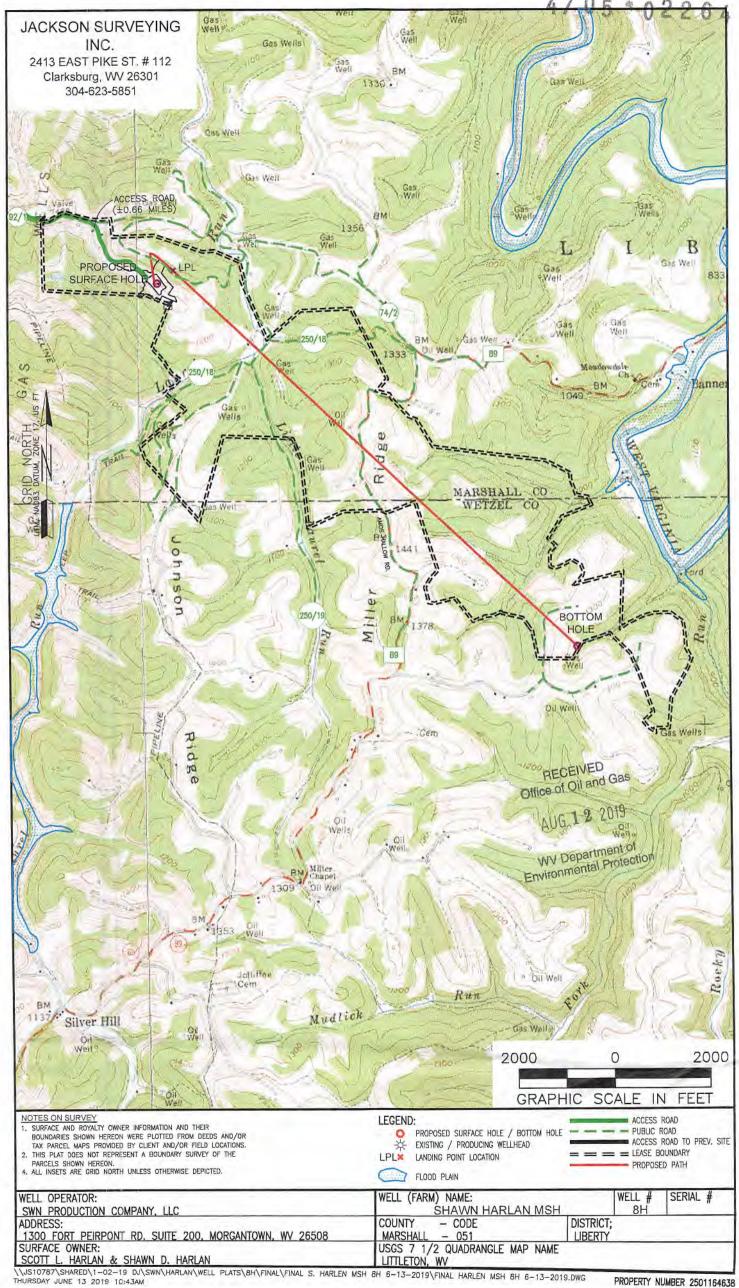


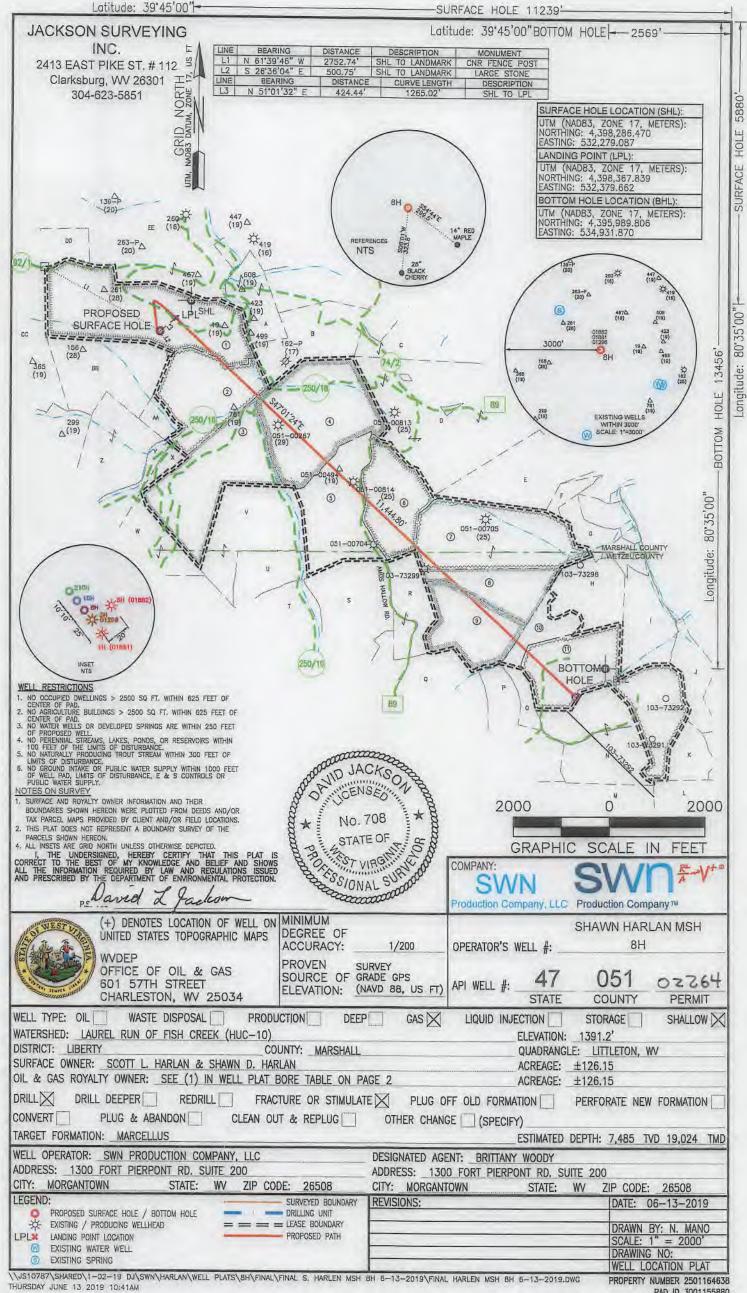
SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, West Virginia 26508

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

Submitted by:		
Name: Brittany Woody Suttany Woody	Date: <u>5/22/2019</u>	
Title: Senior Regulatory Analyst	SWN Production Co., LLC	
Approved by: Name: Jun Un Volca Title: Oil + Cas purpodo	Date: 5/29/17	RECEIVED Office of Oil and Gas
Approved by:		AUG 1 2 2019 WV Department of
Name:	Date:	Environmental Protection
Title:		

SWN PRODUCTION COMPANY, LLC - CONFIDENTIAL





JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112 Clarksburg, WV 26301 304-623-5851

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	SCOTT L. HARLAN & SHAWN D. HARLAN (S) JANET E. WILBUR A/K/A JANET T. WILBUR, A/K/A JANET E. TEAGARDEN WILBUR, DAVID A. TEAGARDEN, EVA T. STALKER (EVA T. STALKER, TRUSTEE OF THE EVA T. STALKER TRUST, DATED DECEMBER 28, 1989), JEANNE G. DECLUE (THE JEANNE GOVRO DE CLUE, REVOCABLE LIVING TRUST UDT JULY 9, 2001), STEPHEN E. JUSTMAN, HAYHURST COMPANY (CHESTNUT HOLDINGS, INC.), JACK HAMMERS, PAUL HAMMERS, TWILA ORA WHIPKEY (TWILA ORA WHIPKEY TRUST DATED 8/25/1999, WESBANCO BANK WHEELING, TRUSTEE), TONI JO MASON, ERICA M. MASON, O.E. BURGE (ONWARD E. BURGE, SARAH L. BURGE AND STEPHEN W. BURGE, TRUSTEES OF THE ONWARD E. BURGE TRUST DATED JUNE 21, 2010 & SARAH L. BURGE, ONWARD E. BURGE AND STEPHEN W. BURGE, TRUSTEES OF THE SARAH L. BURGE TRUST DATED JUNE 21, 2010), A.L. EVANS AND RACHEL EVANS, (DONNA K. ALLEN, MARY LOU KITTELBERGER, DEBRA A. LIKAVEC AND JOHN D. LIKAVEC, NANCY JO BLOCK, CHAD E. LONGFELLOW, HOLLY A. LONGFELLOW, TRACY L. BARNBY, LLOYD R. EVANS, GLORIA STINE, ROBERT W. CUBBAGE, CLIFFORD CUBBAGE, ROBBERT W. CUBBAGE, KAREN CUBBAGE, ROBBERT W. CUBBAGE, KAREN CUBBAGE, ROBBERT W. CUBBAGE, KAREN CUBBAGE, DALE E. WORKMAN, SANDRA E. RUSH, ERMA NELDA JEFFERSON, LAURA K. BAKER, DEBORAH A. COLLINS, PATTY D. JEFFERSON, JOYCE L. LAMB, STACY L. LYONS CARLA CARSWELL DAVIS, MEL TODD CARSWELL, JENNIFER CARSWELL BRIERE, FRANK K. BONACICH, JR., JEAN J. MEIER, HOWARD RAY FURBEE, ROBERT DALE FURBEE, DOROTHY EVANS, ELLEN G. KIRKBRIDE, DARLENE KAY ALBORN, MARLENE FAY WAGMILLER, ELMER DEAN EVANS, JACK HAMMERS, PAUL HAMMERS, TWILA ORA WHIPKEY TRUST DATED B/25/1999, WESBANCO BANK WHEELING, TRUSTEE, TONI JO MASON, ERICA MASON, O.E. BURGE AND SARAH LOU BURGE, H/W AND STEPHEN BURGE, (CHESTNUT HOLDINGS).	07-28-01
	(R)	

	ADJOINING OWNERS TABLE	
TRACT	SURFACE OWNER	TAX PARCEL
Α	MASON DIXON FARMS, LLC.	07-28-02
В	JAMES E. MORGAN-LIFE	07-28-04
C	WV WILDLIFE RESOURCES SECTION	07-24-01
D	JOHN E. RIGGS JR. & DALENA RIGGS	07-27-02
E	JOESPH L. SCHANCK & KATHERINE SCHANCK	07-28-18
F	WV WILDLIFE RESOURCES SECTION	07-27-17
G	BRIAN T. FERDA, ET UX	07-27-15
Н	BRIAN T. FERDA & VI-EVA FERDA	01-02-04
1	STEPHEN ROSS MCINTYRE	01-02-05
J	WM. BALTZ, TRUSTEE OF VH & F CLUB, ET AL	01-02-5.1
K	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	01-02-09
L	WILLIAM E. RENNER & WILLIAM J. RENNER	01-05-07
M	WILLIAM E. RENNER	01-05-04
N	LARRY RINE, ET AL	0/0 01-02-0
0	LARRY G. RINE & JANA L. RINE	01-05-03
Р	LARRY G. RINE & JANA L. RINE	01-05-3.2
Q	MARY E. PYLES	01-02-07
R	FLOYD B. JOHNSON	01-02-02
S	FLOYD B. JOHNSON	01-02-01
T	SHAWN D. HARLAN & VINCENT HARLAN	01-01-08
U	WILMA JARRELL, ET AL	01-01-07
V	APPALACHIA MIDSTREAM SERVICES	01-01-06
W	MASON DIXON FARMS, LLC.	07-28-15
X	JOHN C. RICHARDS, ET UX	07-28-09
Y	MASON DIXON FARMS, LLC.	07-28-10
Z	MASON DIXON FARMS, LLC.	07-28-11
AA	G. DAVID EVICK	07-28-13.
BB	G. DAVID EVICK	07-28-14
CC	JAMES E. MORGAN-LIFE	07-28-13.
DD	C. MICHAEL BLAIR & LINDA L. BLAIR	07-18-9.1
EE	C. MICHAEL BLAIR & LINDA L. BLAIR	07-18-09

	(R)	
TRACT	SURFACE OWNER	TAX PARCEL
2	CARL R. RICHMOND & EILENE R. RICHMOND (S)	07-28-13
3	APPALACHIA MIDSTREAM SERVICES, LLC. (S)	07-28-08
4	MATTHEW ALLAN RICHMOND (S)	07-28-05
5	CHRISTOPHER COX & NIKKI COX (S)	07-28-07
6	VICENZO MICELI, ET UX (S)	07-28-06
7	EDWARD E. WADE JR. (S)	07-27-20
8	EDWARD E. WADE JR. (S)	01-02-14
9	MARY E. PYLES (S)	01-02-03
10	BRIAN T. FERDA & VI-EVA FERDA (S)	01-02-13
11	LARRY RINE, ET AL (S)	P/0 01-02-08

REVISIONS:	COMPANY:	SWN Production Company, LLC	SW Production Co	Mpany™
	OPERATOR'S WELL #:	SHAWN HARLAN MS 8H	SH	DATE: 06-13-2019 DRAWN BY: N. MANO
	DISTRICT: LIBERTY	COUNTY: MARSHALL	STATE: WV	SCALE: N/A DRAWING NO: WELL LOCATION PLAT 2

WW-6A1	
(5/13)	

Operator's Well No. S	Shawn Harlan 8H
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INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

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

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

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Office of Oil and Gas

AUG 12 2019

WV Department of Environmental Protection

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:	Carla Maranias	
Its:	Staff Landman	

Page 1 of 1

Tract #	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased Southwestern Production Compan
1	7-28-1	O. E. Burge, a married man dealing in his sole and separate property	Columbia Natural Resources, L.L.C.	12,50%	645/102	0.000000
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	
_		Chesapeake Appalachia, I.L.C. Twila Ora Whipkey, a married woman dealing in her	SWN Production Company, LLC Columbia Natural Resources, L.L.C.	12.50%	33/110	
		sole and separate property Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	100
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	7000	33/110	100
		Paul F. Hammers, a married man dealing in his sole and separate property	Columbia Natural Resources, L.L.C.	12.50%	1,511	
		Columbia Natural Resources Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC		650/63 33/110	
		Jack Hammers, a married man dealing in his sole	Columbia Natural Resources, L.L.C.	12.50%	645/343	100
		and separate property Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	120
_		Chesapeake Appalachia, L.L.C. Toni Jo Mason, single	SWN Production Company, LLC Columbia Natural Resources, L.L.C	12.50%	33/110 646/161	1.80
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.	12.30%	650/63	A
		Chesapeake Appalachia, L.L.C. Hayhurst Company	SWN Production Company, LLC Chesapeake Appalachia, L.L.C.	15.00%	33/110 691/53	W
		Chesapeake Appalachia, L.L.C. Stephen E. Justman, a widower	SWN Production Company, LLC Chesapeake Appalachia, L.L.C.	12.50%	33/110 702/214	- 再第四十二
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	1000
		Janet E. Wilbur a/k/a Janet T. Wilbur, a/k/a Janet E. Teagarden Wilbur, a married woman dealing in her	Chesapeake Appalachia, L.L.C.	32.50%	702/210	1 March - 4
		sole and separate property				
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		David A. Teagarden aka David Teagarden, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	703/609	
					4444	
		Chesapeake Appalachia, L.L.C. Eva T. Stalker aka Eva T. Stalker, by her Attorney-in-	SWN Production Company, LLC Chesapeake Appalachia, L.L.C.	12.50%	33/110 702/206	F- 7. If
		Fact, James P. Harter and Susan W. Harter				100
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	100
		Jeanne G. DeClue, a widow, by her Attorney-in-Fact, Scott C. DeClue, aka Scott DeClue		12.50%	705/648	
		Chesapeake Appalachia, L.E.C. Erica M. Mason, a/k/a	SWN Production Company, LLC Chesapeake Appalachia, L.L.C.	18.75%	33/110 708/61	
		Erica Mason, a single woman		.0.7274		
		Chesapeake Appalachia, L.L.C. A.L. Evans, et ux	SWN Production Company, LLC The Wheeling Natural Gas Co.	12.50%	33/110 144/501	
		The Wheeling Natural Gas Co.	The Manufacturers Light and Heat Company		3/40	
		The Manufacturers Light and Heat Company	Union Gasoline and Oil Corporation		197/120	
		Union Gasoline and Oil Corporation Prestion Oil Company	The Manufacturers Light and Heat Company		2/136 2/225	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, L.L.C.		642/281	
		Columbia Natural Resources, L.L.C. Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC		650/63 33/110	
2	7-78-13	Sissy Dye Stine, a married woman dealing in her sole and separate property		12.50%	682/65	0.79%
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		William Dye, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	17.50%	682/525	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC	12.50%	33/110	
		Patricia Markwell, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12,50%	684/23	
		Chesapeake Appalachia, LLC Michael Dye, a married man dealing in his sole and	SWN Production Company, LLC Chesapeake Appalachia, L.L.C.	12.50%	33/110 687/176	
		separate property				
		Chesapeake Appalachia, LLC Carl R. Richmond and Ellene E. Richmond aka Ellene	SWN Production Company, LLC SWN Production Company, L.L.C.	18.00%	33/110 913/100	
_		R. Richmond, his wife Carl Yost, widower	SWN Production Company, L.L.C.	18,00%	916/193	
		Loretta Jane Chiarenza, divorced	SWN Production Company, L.L.C.	18.00%	915/408	
_		Deborah Laugen, a single woman Amanda May Burns, a married woman dealing in	SWN Production Company, L.L.C. SWN Production Company, L.L.C.	18.00% 18.00%	915/410 944/488	
		her sole and separate property Judith A. Thompson, a widow	SWN Production Company, L.L.C.	18.00%	934/219	
		Romaine E. Gallo, a widow	SWN Production Company, L.L.C.	18.00%	934/216	
		Kimberly Hawkins a/k/a Kim Hawkins f/k/a Kim Yost, a married woman dealing in her sole and separate	SWN Production Company, L.L.C.	18.00%	934/175	
		property	SWAN Production Company 1 1 C	12 000	935/230	
		and separate property	Swa Production Company, C.C.C.	10.00%		
		Patricia Yost aka Patty Yost, a single woman Becky Yost fka Rebecca Yost, a single woman	SWN Production Company, L.L.C. SWN Production Company, L.L.C.	15.00%	919/351 964/49	
		Roberta Yost, a single woman Sean Yost, a single man	SWN Production Company, L.L.C. SWN Production Company, L.L.C.	18.00% 15.00%	919/359 919/355	
		Shannon Yost, a single woman	SWN Production Company, L.L.C.	18.00%	919/347	
		Ronnell Yost ROYALTY OWNER	SWN Production Company, L.L.C.	17.00% N/A	1033/639	
3	7-28-8	Walter A. McDowell	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	675/576 33/110	0.000000
		Chesapeake Appalachia, LLC Doris E. Pyles, a widow	Chesapeake Appalachia, LLC	12.50%	675/573	
_		Chesapeake Appalachia, LLC Ray Lemoyne McDowell & Donna R. McDowell,	SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 675/539	
		husband & wife				
		Chesapeake Appalachia, LLC Charlotte S. Szafan a/k/a Charlotte S. Szarfan, and	SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 676/89	
		Jeffrey A. Szafran, her husband Chesapoake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Richard W. McDowell, a married man dealing in his	Chesapeake Appalachia, U.C	12.50%	675/532	
		sole & separate property Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Margaret I. McDowell, a widow Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	675/515 33/110	
		Dennis M. McDowell, a married man dealing in his	Chesapeake Appalachia, LLC	12.50%	677/54	
		sole & separate property Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Lucille H. Simmons, a widow Chesapeake Appalachia. LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	683/56 33/110	
		Phyllis S. Young a/k/a Phyllis Simmons, a widow	Chesapeake Appalachia, LLC	12.50%	683/59	3,5
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Gregory H. Simmons, a married man dealing in his sole & separate property	Chesapeake Appalachia, LLC	12.50%	683/77	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Bobbie Ann Bettinazzi, a married woman dealing in her sole & separate property	Chesapeake Appalachia, LLC	12.50%	683/62	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 682/639	
		Linda Lu Ruble, aka Linda Lu Simmons, a married woman dealing in her sale & separate property	chesapeane apparatus, tre	12.55%	001,035	
			SWN Production Company, LLC	12.50%	33/110	

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EXHIBIT "A" 47 0 5 3 0 2 2 6 4 Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, LLC., Operator Shawn Harlan 8H Marshall and Wetzel County Washington

Marshall and Wetzel	County	Wast	Virginia	
Marshall and Welzer	county,	west	virginia	

Tract #	Tax Parcel	Lassor	Lessne	Royalty	Book/Page	Southwestern Production Compa LLC
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Eleanor Lucille Cecil aka Lucille Cecil, a married	Chesapeake Appalachia, LLC	12.50%	684/614	Acres 1986
		woman dealing in her sole & separate property				
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	August 18 De
		lla Mae Clark, a widow Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	684/617 33/110	有限
		W. Ruth Taylor, a single woman	Chesapeake Appalachia, LLC	12.50%	684/620	907
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	- 1842 - 1842 -
		Ted J. Yowonske, Nicole I. Yowonske, Jason Yowonske and Lee Yowonske	Chesapeake Appalachia, LLC	18.50%	685/264	100
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	100 Marie
		Columbia Gas Transmission	Chesapeake Appalachia, LLC	12.50%	662/322	18
4	7-28-5	Chesapeake Appalachia, LLC Brian H. Teagarden and Kathryn D. Teagarden,	SWN Production Company, LLC Columbia Natural Resources, LLC	12.50%	36/42Z 643/398	0.000000
	1-20-5	husband and wife		12.30%	043/330	W. District
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	(6)2
		Chesapeake Appalachia, L.L.C. Jerry N. Teagarden, divorced	SWN Production Company, LLC Columbia Natural Resources, LLC	12.50%	33/110 643/112	- ing
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.	1230%	650/63	1966
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	in a	33/110	
		Bernard R. Teagarden and Jane Teagarden (h/w)	Columbia Natural Resources, ILC	12.50%	643/110	(A) 2
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	12 m
		Chesapeake Appalachia, L.L.C.	SWN Production Company, U.C.		33/110	- W
		Willard L. Teagarden, a married man dealing in his sole & separate property	Columbia Natural Resources, LLC	12.50%		200
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	All Control
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Chad Teagarden, a married man dealing in his sole & separate property	Columbia Natural Resources, LLC		643/104	80.0
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	-	33/110	- 39
		Teryl L. Clutter, a married woman dealing in her sole & separate property	columbia Natural Resources, LLC	12.50%	643/106	
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	Of the second
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Robin J. Smith, a married woman dealing in her sole and separate property	Columbia Natural Resources, LLC	12.50%	643/256	10.67
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	140.
		Chesapeake Appalachia, L.U.C.	SWN Production Company, LLC		33/110	
		Douglas B. Teagarden, a married man dealing in his sole and separate property	Columbia Natural Resources, LLC	12.50%	643/254	VIII - XVX
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	Mr. John
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	一 主葉性
		Jean McCulloh, a married woman dealing in her sole & separate property	Columbia Natural Resources, LLC	12.50%	643/269	5.5
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	100
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	1
		Charles N. Teagarden, a married man dealing in his sole and separate property	Columbia Natural Resources, LLC	12.50%	643/336	2.00
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	100
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	All the second
		Hilda Daugherty, widow Columbia Natural Resources	Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C.	17.50%	643/342 650/63	1987
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	All the
		Thomas E. Teagarden, a married man dealing in his	Columbia Natural Resources, LLC	12.50%	643/336	11/4 11/4/21
		sole & separate property Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	- V
		Teri Lee Parish, a married woman dealing in her &	Columbia Natural Resources, LLC	12.50%	643/558	100
		separate property Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	A 489
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	100
		Larry W. Yeater, a married man dealing in his sole	Columbia Natural Resources, LLC	12.50%	643/564	1.44
		and separate property Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	初度。 - 7代
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	400
		Helen V. Rutan, a married woman dealing in her	Columbia Natural Resources, LLC	12.50%	643/568	1/2
		sole & separate property Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	100 L 440
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	- 12
		Jeannette F. Yeater, a widow	Columbia Natural Resources, LLC	12.50%	643/562	
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC		650/63 33/110	- 445 L
			Columbia Natural Resources, LLC	17.50%	682/610	1977
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	1.70
		Chesapeake Appalachia, L.L.C. Linda L. Moore, a married woman dealing in her	SWN Production Company, LLC Columbia Natural Resources, LLC	12 50%	33/110 644/365	100
		sole and separate property	Commission in the Court of the	1250%	644/365	18 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		650/63	13'- (7.)
		Chesapeake Appalachia, L.L.C. Turis Jan Walker	SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 643/336	1.2
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	12.50%	643/336 33/110	1975
		George H. Pyles, married man dealing in his sole &	Chesapeake Appalachia, L.L.C.	12.50%	681/1	17/
		Separate property	PART Renduction Com-			1 V 10 10 10 10 10 10 10 10 10 10 10 10 10
		Chesapeake Appalachia, L.L.C. Sara J. Rush, single	SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 682/287	119 - Phys.
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	West State
		Camilla P. Rush, single Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, LLC	12.50%	682/738	1.2
		Tonya Rae Phillips, a married woman dealing in her	SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 682/219	100 - 340
		sole & separate property				
		Chesapeake Appalachia, L.L.C. Donald Eugene Rush, single	SWN Production Company, LLC Chesapeake Appalachia, LLC	40 2002	33/110	
			Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	682/216 33/110	11, %
		Raymond Alan Pyles, married man dealing in his sole	Chesapeake Appalachia, L.L.C.	12.50%	583/53	
		& separate property Chesapeake Appalachia, L.L.C.	SWN Production Company U.C.		12/510	
		Rachel A. Yeater, single	SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 686/277	100
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	140365	33/110	
		Karen Y. Jones, a married woman dealing in her sole & separate property	Chesapeake Appalachia, LLC	12.50%	686/274	
			SWN Production Company, LLC		33/110	
		Allen L. Yeater, a married man dealing in his sole &	Chesapeake Appalachia, LLC	12.50%		1 1 1
		Separate property	CIAN Production Comment		32.02.0	rie de
			SWN Production Company, LLC Chesapeake Appalachia, LLC	12.50%	33/110 687/116	
		Larry W. Yeater, acting as Trustee		22-6/6		16.7
			SWN Production Company, LLC	10.0	33/110	130
			Chesapeake Appalachia, LLC SWN Production Company, LLC	15.00%	679/437 38/35	
	7-28-7	tva B. Pyles, a widow	Manufacturers Light and Heat Company	12.50%	401/433	0.00000
			ATTACABLE AND ADDRESS OF THE ADDRESS			PRIVATE SELECTION
			Columbia Gas Transmission Corporation		422/204	1166
i		Columbia Gas Transmission Corporation	Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC		642/281 650/63	760 - 17

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EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, LL.C., Operator Shawn Harlan 8H

Marshall and Wetzel County, West Virginia

500	11 - 11 - 12 - 12 - 12 - 12	Lessor		1		Interest Not Lease
	Tax Parcel		Lessee	Royalty	Book/Page	Southwestern Production Comp
ract #						uc
		Chesapeake Appalachia, LEC	SWN Production Company, LLC		33/110	and the second
		J.N. Pyles and I.B. Pyles, his wife	Manufacturers Light and Heat Company	12.50%	164/575	
		The Manufacturers Light and Heat Company	Union Gasoline and Oil Corporation		197/120	7/ /// //
		Union Gasoline and Oil Corporation	Prestion Oil Company		197/120	Mar. 1977 14
		Preston Oil Company	Columbia Gas Transmission Coporation		436/117	1942 - 1142 - 113
		The Manufacturer's Light and Heat Company	Columbia Gas Transmission Coporation		422/204	No. 2774 W
		Tri-County Oil and Gas, Inc.	Leatherwood, Inc.		Merger	Same Sugar Sugar
		Leutherwood, Inc.	CNX Gas Company, LLC		26/95	100
		CNX Gas Company, LLC	Nable Energy, Inc.		26/225	V V V
		Noble Energy, Inc.	HG Energy II Appalachia, LLC		38/297	466 To 1
		HG Energy II Appalachia, LLC	SWN Production Company, LLC		42/118	76 - 4
6	7-28-6	J.N. Pyles and I.B. Pyles, his wife	Manufacturers Light and Heat Company	12.50%	164/575	0.000000
		The Manufacturer's Light and Heat Company	Union Gasoline and Dil Coporation		197/120	
		Union Gasoline and Oil Coporation	Preston Oil Company		197/120	The Alberta
		Preston Oil Company	Columbia Gas Transmission Copporation		436/117	1 1 9
		The Manufacturer's Light and Heat Company	Columbia Gas Transmission Coporation		472/204	1.00
						1540 Julius S
		Columbia Gas Transmission Coporation	Columbia Natural Resources		15/70	1986 - 1987 T
		Columbia Natural Resources	Tri-County Oil and Gas, Inc.		15/113	W
		Tri-County Oil and Gas, Inc.	Leatherwood, Inc.		Merger	No statement
		Leatherwood, Inc.	CNX Gas Company, LLC		26/95	1
		CNX Gas Company, LLC	Noble Energy, Inc.		26/225	Can
		Noble Energy, Inc.	HG Energy II Appalachia, LLC		38/297	20 11/10
		HG Energy II Appalachia, LLC	SWN Production Company, LLC		42/118	Also V
		J.N. Pyles and I.B. Pyles, his wife	Manufacturers Light and Heat Company	12.50%	353/79	1.00
		The Manufacturer's Light and Heat Company	Columbia Gas Transmission Coporation		422/204	Mr. W.
		Columbia Gas Transmission Coporation	Columbia Natural Resources		15/70	Alex Alexander
		Columbia Natural Resources	Tri-County Oil and Gas, Inc.		15/113	15
		Tri-County Oil and Gas, Inc.	Leatherwood, Inc.		Merger	
		Leatherwood, Inc.	CNX Gas Company, LLC		26/95	10 March 2011
		CNX Gas Company, LLC	Noble Energy, Inc.		26/225	Maria Maria
		Noble Energy, Inc. & CNX Gas Company LLC	Chesapeake Appalachia, LLC		32/113	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		36/422	American Commencer
7	7-27-20	Irma E. Lyon and Porter Lyon, her husband;	The Manufacturers Light and Heat Company	12.50%	371/335	0.000000
		Leslie C. Pyles and Anna Pyles, his wife		*******		111111
		The Manufacturer's Light and Heat Company	Columbia Gas Transmission Copporation		422/204	17.7 277
		Columbia Gas Transmission Coporation	Columbia Natural Resources		15/70	41/m
		Columbia Natural Resources	Tri-County Oil and Gas, Inc.		15/113	755 W/A
		Tri-County Oil and Gas, Inc.	Leatherwood, Inc.		Merger	5
		Leatherwood, Inc.	CNX Gas Company, LLC		26/95	10 - A - 3
		CNX Gas Company, LLC	Nable Energy, Inc.		26/225	100
		Noble Energy, Inc. & CNX Gas Company LLC	Chesapeake Appalachia, LLC		32/113	5 Marin 1 - 1 - 1 - 1
_		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	0.000000
	1-2-14	Irma E. Lyon, et al	Manufacturers Light and Heat Company	12.50%	48A/199	0.000000
		Manufacturers Light and Heat Company	Columbia Gas Transmission Coporation		263/164	3 17
		Columbia Gas Transmission Coporation	Columbia Natural Resources		84A/129	1
		Columbia Natural Resources	Chesapeake Appalachia, L.L.C.		402/446	180 50
		Chesapeake Appalachia, LLC.	SWN Production Company, LLC		157A/540	7.00
	1-7-3	Fred R. Adams and Nancy Adams, his wife, Merritt G. Allen and Wilda H. Allen, his wife	The Manufacturers Light and Heat Company	12.50%	48A/211	0.00000
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		263/164	- 200 - TON
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		84A/129	10 Million 1980
		Columbia Gas Transmission Corporation Columbia Natural Resources, LLC	Chesapeake Appalachia, LLC		402/446	1500 11 -
		Columbia Natural Mesources, LLC Columbia Gas Transmission Corporation	Chesapeake Appalachia, LLC		90A/242	(5.7/)
					157A/540	. 7//
0	1-2-13	Chesapeake Appalachia, LLC	SWN Production Company, LLC SWN Production Company, LLC	20.00%	190A/497	0.00000
0	1-2-13	Cheryl Howard, a married woman dealing in her sole and separate property	SWA Froudction Company, LLC.	20.00%	1904/49/	5.01.306
		Resource Minerals Headwater I, LP	SWN Production Company, LLC	18.00%	229A/109	1 4 4 W
		Dalena Riggs and John E. Riggs, Jr., wife and	Antero Resources Corporation	20.00%	197A/604	V - 7000
		husband				- 10-
		Antera Resources Corporation	SWN Production Company, LLC		228A/420	1985
		David M. Pyles and Alice J. Pyles, husband and wife	Antero Resources Corporation	20.00%	197A/601	100
		Antara Paraussas Carneration	SNAW Braduction Company U.C.		2284/420	375 36
		Antero Resources Corporation	SWN Production Company, LLC	20 000/	228A/42D	1000
		Charla J. Bortz, a married woman dealing in her sole and separate property	Antero Resources Corporation	20.00%	197A/592	and the
		Antero Resources Corporation	SWN Production Company, LLC		228A/420	
1	1-2-8	Alton Bruce Miller and Virginia Belle Miller, et al	The Manufacturers Light and Heat Company	12.50%	48A/332	0.00000

		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		263/164	16 16
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, LLC		90A/242	and the second
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	V
		Shiben Estates Inc.	Grenadier Energy, LLC		123A/763	140 140
		Grenadier Energy Partners, LLC	Statoil USA Onshore Properties, Inc.		138A/1	1000
		Statuil USA Onshore Properties, Inc.	EQT Production Company		175A/707	100

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

August 6, 2019

Ms. Laura Adkins WV DEP Office of Oil & Gas 601 57th St., SE Charleston, WV 25304

RE: SWN's proposed well: Shawn Harlan MSH 8H in Marshall County, West Virginia, Drilling under Teagarden Lane, Co Hwy 74/2, Co Hwy 250/18, Amos Hollow Road, and Low Gap Run Road.

Dear Ms. Adkins:

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 Teagarden Lane, Co Hwy 74/2, Co Hwy 250/18, Amos Hollow Road, and Low Gap Run Road. Please be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Thank you.

Sincerely,

Carla M. Francis

Staff Landman

SWN Production Company, LLC

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WV Department of Environmental Protection

R2 wV+

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

WW-6AC (1/12) 47 05 0226 4
Office of Oil and Gas

AUG 1 2 2019

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WV Department of Environmental Protection

Date of Notic	ee Certification:		API No. 4	
	1 - L		Operator's	s Well No. Shawn Harlan MSH 8H
			Well Pad I	Name: Shawn Harlan MSH
Notice has l	een given:			
Pursuant to th	e provisions in West Virginia Code	§ 22-6A, the Operator has pro	ovided the red	quired parties with the Notice Forms listed
below for the	tract of land as follows:			
State:	West Virginia	UTM NAD 83	Easting:	532,279.087
County:	051-Marshall	UTM NAD 83	Northing:	4,398,286.470
District:	Liberty	Public Road Ac	cess:	Greenfield Road
Quadrangle:	Littleton	Generally used	farm name:	Shawn Harlan
Waterched	Laurel Run of Fish Creek			

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

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following: *PLEASE CHECK ALL THAT APPLY	OOG OFFICE USE ONLY
☐ 1. NOTICE OF SEISMIC ACTIVITY or ■ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED	RECEIVED/ NOT REQUIRED
$lacktrianglederight$ 2. NOTICE OF ENTRY FOR PLAT SURVEY or \Box NO PLAT SURVEY WAS CONDUCTED	RECEIVED
■ 3. NOTICE OF INTENT TO DRILL or NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or	RECEIVED/ NOT REQUIRED
☐ WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)	
4. NOTICE OF PLANNED OPERATION	RECEIVED
5. PUBLIC NOTICE	RECEIVED
■ 6. NOTICE OF APPLICATION	RECEIVED

Required Attachments:

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

Certification of Notice is hereby given:

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

Well Operator:

SWN Production Co., LLC

Address:

1300 Fort Pierpont Dr., Suite 201

By:

Brittany Woody

Morgantown, WV 26508 304-884-1690

Subscribed and sworn before me this 24

Its:

Senior Regulatory Analyst

Facsimile: Email:

Brittany_Woody@swn.com

Telephone:

304-884-1610

NOTARY PUBLIC OFFICIAL SEAL
JESSICA L. VANGILDER
State of West Virginia
My Comm. Expires Jul 20, 2020
SWN Production Company, LLC
179 Innovation Dr. Jane Lew, WV 26378

My Commission Expires

1-20-20

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.

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

Notice Time Requirement: notice shall be provided no lat	ter than the filing date of permit application.	
Date of Notice: Date Permit Application Filed Notice of:	1: 8/8/19	
✓ PERMIT FOR ANY ☐ CERTIFICATE OF	F APPROVAL FOR THE	
WELL WORK CONSTRUCTION	OF AN IMPOUNDMENT OR PIT	
Delivery method pursuant to West Virginia Code § 22-6	6A-10(b)	
☐ PERSONAL ☑ REGISTERED ☐ M	METHOD OF DELIVERY THAT REQUIRES A	
SERVICE MAIL R	RECEIPT OR SIGNATURE CONFIRMATION	
registered mail or by any method of delivery that requires a rec- sediment control plan required by section seven of this article, the surface of the tract on which the well is or is proposed to be oil and gas leasehold being developed by the proposed well we described in the erosion and sediment control plan submitted properator or lessee, in the event the tract of land on which the well work, if the surface tract is to be used for the placement, of impoundment or pit as described in section nine of this articles have a water well, spring or water supply source located within provide water for consumption by humans or domestic animal proposed well work activity is to take place. (c)(1) If more that subsection (b) of this section hold interests in the lands, the ap- records of the sheriff required to be maintained pursuant to sec- provision of this article to the contrary, notice to a lien holder. Code R. § 35-8-5.7.a requires, in part, that the operator shall a water purveyor or surface owner subject to notice and water te	and the well plat to each of the following persons: (1) be located; (2) The owners of record of the surface tract ork, if the surface tract is to be used for roads or other pursuant to subsection (c), section seven of this article well proposed to be drilled is located [sic] is known to to tracts overlying the oil and gas leasehold being deviconstruction, enlargement, alteration, repair, removal of (5) Any surface owner or water purveyor who is known one thousand five hundred feet of the center of the vals; and (6) The operator of any natural gas storage field in three tenants in common or other co-owners of interpolicant may serve the documents required upon the pection eight, article one, chapter eleven-a of this code. (is not notice to a landowner, unless the lien holder is talso provide the Well Site Safety Plan ("WSSP") to the	The owners of record of at or tracts overlying the land disturbance as (3) The coal owner, be underlain by one or veloped by the proposed or abandonment of any wn to the applicant to vell pad which is used to a within which the lests described in the 2) Notwithstanding any he landowner. W. Va.
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan N	lotice	-
☑ SURFACE OWNER(s)	COALOWNER OR LESSEE	
Name: Shawn D. Harlan & Scott L. Harlan	Name: C/O Leatherwood, Inc. Attn: Casey Saunders Address: 1000 Consol Energy Drive	
Address: 17079 Proctor Creek Road		RECEIVED
New Martinsville, WV 26155	Canonsburg, PA 15317	Office of Oil and Gas
Name:	COAL OPERATOR	
Address:	Name:Address:	AUG 1 2 2019
☐ SURFACE OWNER(s) (Road and/or Other Disturbance)		
무슨이 있는데 그는데 그리는 이번에 가는 내용을 하는데 되었다. 그 사람들은 사람들은 사람들은 사람들은 사람들이 되었다.	SURFACE OWNER OF WATER WELL	WV Department of
Name: Address:	AND/OR WATER PURVEYOR(s)	Environmental Protection
	Name: None	
Name:	Address:	
Address:		TON LOD FIELD
OVER A CHI OVER TO A CHI	☐ OPERATOR OF ANY NATURAL GAS S	
SURFACE OWNER(s) (Impoundments or Pits)	Nigra of	
Name:	Name:	
Address:	Address:	

WW-6A (8-13)

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05 02264 API NO. 47-051

AUG 1 2 2019

OPERATOR WELL NO. Shawn Harlan MSH 8H Well Pad Name: Shawn Harlan MSH

Notice is hereby given:

WV Department of

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

This Notice Shall Include:

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

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

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

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

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

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items WW-6A (8-13) 47 05 022 64

OPERATOR WELL NO. Shawn Harlan MSH 8H Well Pad Name: Shawn Harlan 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 representation is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file 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

AUG 12 2019

WV Department of Environmental Protection

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

Time Limits and Methods for Filing Comments.

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

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

Comment Requirements

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

Disclaimer: All comments received will be placed on our web site 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.

RECEIVED
Office of Oil and Gas

AUG 12 2019

WW-6A (8-13) API NO. 44 07 0-5 3 0 2 2 6 4
OPERATOR WELL NO. Shawn Harlan MSH 8H
Well Pad Name: Shawn Harlan 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 deprivacyofficer@wv.gov.

NOTARY PUBLIC OFFICIAL SEAL
JESSICA L. VANGILDER
State of West Virginia
My Comm. Expires Jul 20, 2020
SWN Production Company, LLC
179 Innovation Dr. Jane Lew, WV 26378

Subscribed and sworn before me this 34th day of May 2019.

Subscribed and sworn before me this 34th day of May 2019.

Notary Public My Commission Expires 1-20-20

RECEIVED
Office of Oil and Gas

AUG 1 2 2019

AUG 1 2 2019



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	ided at	least SEVEN (7) da	ys but no more than	n FORTY-FIVE (4	(5) days prior to
Date	y e of Notic	e: 5/7/2019	Date of Plan	nned E	ntry: 5/14/2019			
Deli	very metl	hod pursuant	to West Virginia C	ode § 2	2-6A-10a			
П	PERSON	JAI.	REGISTERED		METHOD OF DEL	IVERY THAT RE	COUIRES A	
Э	SERVIC		MAIL		RECEIPT OR SIGN			
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_		by provided to E OWNER(s)	0:		■ COA	OWNER OR LE	SSEE	RECEIVED
		. Harlen & Scott L. H	arlan			Leatherwood, Inc. Attn: C		Office of Oil and Gas
	ress: HC 60		1	-		1000 Consol Energy Drive		
New N	Martinsville, W	V 26155		3	Canonsburg, F	PA 15317		AUG 1 2 2019
Nam				2		a va taataa 11		
Add	ress:			-1		ERAL OWNER(s)		WV Department of
NI	-			40		wn D. Harlen & Scott L. Ha	arian	 Environmental Protection
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Purs a pla State Cour	uant to West survey of the sur	on the tract of la West Virginia Marshall	ode § 22-6A-10(a), n and as follows:	otice is	Approx. Latiti	ude & Longitude:	39.733900, -80.623393 Greenfield Road	
Dist		Liberty			Watershed:		Fish Creek/Upper Fish Cr	eek
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may Char obtai	be obtaind leston, Wined from	ed from the Set V 25304 (304) the Secretary by beby given by	nd Sediment Control cretary, at the WV E-926-0450). Copies by visiting www.dep	epartme of such	ent of Environmenta documents or additi	I Protection headquonal information re	parters, located at 66 elated to horizontal	01 57th Street, SE,
	phone:	304-884-1610	TOTA COMPART, LLC			Morgantown, WV 26508		
Ema		brittany_woody@	Oswn.com		Facsimile:	304-884-1690		

Oil and Gas Privacy Notice:

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

WW-6A3 (1/12)

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

Notic		Requireme	ent: Notice shall be prov	ided at	least SEVEN (7) da	ys but no more tha	n FORTY-FIVE	E (45) days pric	or to
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Deliv	ery metl	od pursu	ant to West Virginia Co	ode § 2	2-6A-10a				
	PERSON	JAT.	REGISTERED		METHOD OF DEL	IVERY THAT RE	EQUIRES A		
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on to but n benea owner and S Secre	the surfa o more the ath such the er of mine Sediment etary, whi	ce tract to nan forty-fi ract that ha erals under Control M ich stateme	a Code § 22-6A-10(a), For conduct any plat surveys we days prior to such enters filed a declaration purelying such tract in the coanual and the statutes and the shall include contact to obtain copies from the	s requir try to: (suant to unty ta d rules informa	ed pursuant to this and 1) The surface owne by section thirty-six, a x records. The notice related to oil and gastion, including the a	ticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall be provided to any owner or l wenty-two of this atement that copi roduction may be	I at least seven lessee of coal s s code; and (3) les of the state e obtained fron	days eams any Erosion n the
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			(6)		Name:	1,1,11,1000p.c.s.			
Addr	ess:				Address:				
Name	e.			-	-			_	
Addr	ess:					ERAL OWNER(s)			
				2		y Lou Kittelberger			
Nam	e:			+		3655 Durham Drive		_	
Addr	ess:			2	Norton, OH 42 *please attac	h additional forms if ne	cessary	-	
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	ohone:	304-884-16			11001000	Morgantown, WV 26508		AUG 1	2 2019
Emai		-	oody@swn.com		Facsimile:	304-884-1690		1000	
2,2			A					WV Depa Environmen	artment of tal Protection
Oil a	and Gas	Privacy I	Notice:						

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

WW-6A3 (1/12) Operator Well No. Shawn Harlan MSH

- 4 - FORTY EIVE (45) doug prior to

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

Address:	entry			t: Notice shall be prov			ys but no more mar	FORT 1-FIVE (45)	days prior to
PERSONAL REGISTERED MAIL REGISTERED MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such tenty to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner or financials underlying such tract in the county tax records. The notice shall include on statement that codes of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include on the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Name: Address: Name: Address: Name: Address: RECEIVED Office of Oil and Gas Address: WV Department of Address: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia					77		_		
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on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner of lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Name: Address: Address: Address: Name: Address: Address: Address: Address: Address: Address: WV Department of Environmental Protection to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: Approx. Latitude & Longitude: State: Approx. Latitude & Longitude: Saryassoo, -0.623398 Public Road Access: Greenfield Road Fish Creek/Upper Fish Creek Shown Haffen Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57° Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 100 Fort Pierpont, Dr., Suite 201 Merganowan, WV 26508	S	ERVICE		MAIL	REC	CEIPT OR SIGN	NATURE CONFIR	MATION	
SURFACE OWNER(s) Name: Address: Name: Address: Address: Name: Address: Name: Address: Address: Address: Address: Address: Name: Address: Ad	on to to but no beneat owner and Se Secrete enable	the surface more that the such tra- of mineral ediment C ary, which the surface	e tract to come forty-five act that has als underly control Man h statement to come to	enduct any plat surveys days prior to such en- filed a declaration pur- ing such tract in the co- ual and the statutes an shall include contact o obtain copies from the	s required putry to: (1) The suant to sect ounty tax record rules relation, information,	irsuant to this and surface owner tion thirty-six, a cords. The notice to oil and gar, 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 pi	shall be provided at le to any owner or lesses wenty-two of this cod atement that copies of roduction may be obta	ast seven days e of coal seams e; and (3) any the state Erosion ained from the
Name:									
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Address: MINERAL OWNER(s) Name: Debra & Ukavec Address: 52 Claremont Dr Environmental Protection	Name:	1			-	E To	\		AUG 1 2 2019
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Address: Brunswick, OH 44212 **please attach additional forms if necessary **Please attach additional forms if necessary **Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.733900, -80.623393 County: Marshall Public Road Access: Greenfield Road District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508					_				WV Department of
**please attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.733900, -80.623393 County: Marshall Public Road Access: Greenfield Road District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWM PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 25508	Name:				-				Environmental Protection
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County: Marshall Public Road Access: Greenfield Road District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508	Pursua a plat :	ant to Wes	st Virginia the tract of	Code § 22-6A-10(a), r f land as follows:	notice is here				entry to conduct
District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Notice is hereby given by: Well Operator: sww.production.com/pany , LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508		-	40 GE 4						
Quadrangle: Littleton Generally used farm name: Shawn Hartan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Notice is hereby given by: Well Operator: sww.production.com/pany , LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508			200				100035.		k
may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Notice is hereby given by: Well Operator: swn production.com/pany.llc Address: 1300 Fort Pierpont, Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508		_				Commercial	ed farm name:	Shawn Harlan	
Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508	may be	e obtained	d from the \$7 25304 (30	Secretary, at the WV I 04-926-0450). Copies	Department of of such doc	of Environmenta numents or addit	Il Protection headquional information re	uarters, located at 601	57th Street, SE,
Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Telephone: 304-884-1610 Morgantown, WV 26508	Notice	e is here	hy given l	by:					
Telephone: 304-884-1610 Morgantown, WV 26508				Control of the Contro		Address:	1300 Fort Pierpont, Dr.,	Suite 201	
Email: brittany_woody@swn.com Facsimile: 304-884-1690							Morgantown, WV 26508		
	Email:		brittany_wood	y@swn.com		Facsimile:	304-884-1690		

Oil and Gas Privacy Notice:

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

Operator Well No. Shawn Harlan MSH

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 No	tice: 5/7/2019		ided at least SEVEN (7) days but no nned Entry: 5/14/2019	more man	FORTI-FIVE (43)	any 1 Francisco
		nt to West Virginia Co				
Delivery m	etnoù pursuai	it to west virginia Co	oue 8 22-07-104			
☐ PERS	ONAL [REGISTERED	☐ METHOD OF DELIVERY	THAT RE	QUIRES A	
SERV	57.0279	MAIL	RECEIPT OR SIGNATURE	CONFIRM	MATION	
on to the su but no more beneath suc owner of m and Sedime Secretary, v	rface tract to co than forty-fiv th tract that has inerals underly ent Control Man which statemen	onduct any plat surveys e days prior to such ent s filed a declaration pure ring such tract in the co	Prior to filing a permit application, the strequired pursuant to this article. Such that to: (1) The surface owner of such that to section thirty-six, article six, and tax records. The notice shall include the section that the surface of the section of the secretary.	tract; (2) to tract; (2) to chapter tw clude a station and pr	hall be provided at le o any owner or lessed wenty-two of this cod tement that copies of oduction may be obt	ast seven days e of coal seams e; and (3) any the state Erosion ained from the
Notice is he	ereby provide	d to:				
Пепр	ACE OWNER	(a)	☐ COAL OWNE	R OR LES	SSEE	
		7-21				
Name:						
Address						
Name:						
				WNER(s)		
			Name: Paul F. Hammer			
Name:			Address: #3 Squire Va	lley Road		
			Barboursville, WV 25504			
			*please attach additional	forms if nec	cessary	
Pursuant to a plat surve State: County: District:	West Virginia Marshall Liberty	: Code § 22-6A-10(a), not land as follows:	Approx. Latitude & Lo Public Road Access: Watershed:	ongitude:	39,733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree	
Pursuant to a plat surve State: County:	West Virginia y on the tract of West Virginia Marshall Liberty	Code § 22-6A-10(a), n	Approx. Latitude & Lo Public Road Access:	ongitude:	39,733900, -80.623393 Greenfield Road	
Pursuant to a plat surve State: County: District: Quadrangle Copies of the may be obt Charleston,	West Virginia West Virginia West Virginia Marshall Liberty Littleton the state Erosion ained from the WV 25304 (3	n and Sediment Control Secretary, at the WV I	Approx. Latitude & Lo Public Road Access: Watershed:	engitude: ame: elated to oi ion headquermation re	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harian I and gas exploration parters, located at 60	and production 57 th Street 任以ED rilling nay Poil and Gas
Pursuant to a plat surve State: County: District: Quadrangle Copies of the may be obt Charleston, obtained fro	West Virginia y on the tract of West Virginia Marshall Liberty E: Littleton the state Erosion ained from the WV 25304 (3 om the Secretar thereby given	n and Sediment Control Secretary, at the WV I 304-926-0450). Copies ry by visiting www.dep	Approx. Latitude & Lo Public Road Access: Watershed: Generally used farm na I Manual and the statutes and rules re Department of Environmental Protecti of such documents or additional info	engitude: ame: elated to oi ion headquermation re	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harian I and gas exploration parters, located at 60	and production
Pursuant to a plat surve State: County: District: Quadrangle Copies of the may be obt Charleston, obtained fro Notice is I Well Opera	West Virginia y on the tract of West Virginia Marshall Liberty E: Littleton he state Erosion ained from the WV 25304 (3) om the Secretain hereby given attor: SWN PROD	n and Sediment Control Secretary, at the WV I 304-926-0450). Copies ry by visiting www.dep	Approx. Latitude & Lo Public Road Access: Watershed: Generally used farm na I Manual and the statutes and rules re Department of Environmental Protecti of such documents or additional info	engitude: ame: elated to oi ion headquermation re	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek/	and production 57th Street SENED rilling 12 2019
Pursuant to a plat surve State: County: District: Quadrangle Copies of the may be obt Charleston, obtained fro	West Virginia y on the tract of West Virginia Marshall Liberty E: Littleton he state Erosion ained from the WV 25304 (3) om the Secretain hereby given attor: SWN PROD	n and Sediment Control Secretary, at the WV E 304-926-0450). Copies ry by visiting www.dep	Approx. Latitude & Lo Public Road Access: Watershed: Generally used farm na I Manual and the statutes and rules re Department of Environmental Protecti of such documents or additional info o.wv.gov/oil-and-gas/pages/default.as Address: 1300 Fort	ame: elated to oi ion headqu ormation re	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harian I and gas exploration parters, located at 60 belated to horizontal discussions.	and production 57 th Street 氏知VED rilling ne You and Gas

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.

Operator Well No. Shawn Harlan MSH

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 p	rovided at least SEVEN (7) days but no more tha	in FORTY-FIVE (45) days prior to
	ce: 5/7/2019 Date of I	Planned Entry: 5/14/2019	
Delivery met	hod pursuant to West Virginia	Code § 22-6A-10a	
☐ PERSO	NAL REGISTERED	☐ METHOD OF DELIVERY THAT R	EQUIRES A
SERVIC	E MAIL	RECEIPT OR SIGNATURE CONFIL	RMATION
on to the surfa but no more to beneath such owner of min and Sediment Secretary, whenable the sur	ace tract to conduct any plat survival forty-five days prior to such tract that has filed a declaration erals underlying such tract in the Control Manual and the statutes ich statement shall include contract owner to obtain copies from	c), Prior to filing a permit application, the operatory required pursuant to this article. Such notice entry to: (1) The surface owner of such tract; (2) pursuant to section thirty-six, article six, chapter a county tax records. The notice shall include a second rules related to oil and gas exploration and pact information, including the address for a web part the secretary.	shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion production may be obtained from the
	eby provided to:	C COM OVERTOOR H	EGGET.
LI SURFAC	CE OWNER(s)	☐ COAL OWNER OR LI	
Name:		Name:Address:	
Address:			
Name:			
Address:		■ MINERAL OWNER(s)	
		Name: Jack R. Hammers	
Name:		Address: 165 Oakmont Road	
Address:		Wheeling, WV 26003 *please attach additional forms if n	
	0.004.000	piease attach additional forms if it	eccssary
	reby given: Vest Virginia Code § 22-6A-10(a on the tract of land as follows:), notice is hereby given that the undersigned we	ll operator is planning entry to conduct
State:	West Virginia		39.733900, -80.623393
County:	Marshall		Greenfield Road
District:	Liberty		Fish Creek/Upper Fish Creek
Quadrangle:	Littleton	Generally used farm name:	Shawn Harlan
may be obtain Charleston, W	ned from the Secretary, at the W/V 25304 (304-926-0450). Cop	trol Manual and the statutes and rules related to of Department of Environmental Protection head rules of such documents or additional information dep.wv.gov/oil-and-gas/pages/default.aspx.	quarters, located at 601 57th Street, SE,
Notice is to	naby given by:		
INDUCE IS HE	reby given by:	Address: 1300 Fort Pierpont, Dr.	AUG 1 2 2019
		radios. 1300 Fort Pleipont, Dr.	., 0010 201
Well Operato		Moroantown, WV 2650	ont of
	304-884-1610 brittany_woody@swn.com	Morgantown, WV 2650 Facsimile: 304-884-1690	W. Department of

Oil and Gas Privacy Notice:

Operator Well No. Shawn Harlan MSH

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

Notice Time I	Requirement: Notice shall be pro-	vided at least SEVEN (7) day	s but no more than	FORTY-FIVE (45)	aays prior to		
Date of Notic	e: 5/7/2019 Date of Pla	nned Entry: 5/14/2019					
Delivery met	hod pursuant to West Virginia C	Code § 22-6A-10a					
☐ PERSON	NAL REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	QUIRES A			
SERVIC		RECEIPT OR SIGN	ATURE CONFIR	MATION			
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, when able the sur	Yest Virginia Code § 22-6A-10(a), ace tract to conduct any plat survey nan forty-five days prior to such er tract that has filed a declaration puerals underlying such tract in the control Manual and the statutes a ich statement shall include contact face owner to obtain copies from the	vs required pursuant to this are ntry to: (1) The surface owner rsuant to section thirty-six, are ounty tax records. The notice and rules related to oil and gas information, including the acc	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a state exploration and p	thall be provided at least to any owner or lessee of wenty-two of this code; attement that copies of the troduction may be obtain	of coal seams; and (3) any he state Erosion and from the		
Notice is here	eby provided to:						
☐ SURFAC	CE OWNER(s)	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	OWNER OR LE				
Name:		Name:	Name:				
Name:			t Z emilen				
Address:		_ MINE	ERAL OWNER(s)				
			ert Dale Furbee				
			Address: 759 Summit Circle SE Canton, OH 44720				
Address:		*please attack	additional forms if ne	cessary			
Notice is her Pursuant to W a plat survey of State: County: District: Quadrangle:	reby given: Vest Virginia Code § 22-6A-10(a), on the tract of land as follows: West Virginia Marshall Liberty Littleton	Approx. Latin	ude & Longitude: Access:				
may be obtain Charleston, W obtained from	state Erosion and Sediment Controlled from the Secretary, at the WV /V 25304 (304-926-0450). Copie the Secretary by visiting <a an<="" be="" href="https://www.devenue.com/</td><td>Department of Environmenta
s of such documents or additi</td><td>l Protection headque on al information r</td><td>uarters, located at 601 delated to horizontal dri</td><td>57" iling="" may="" of="" office="" oil="" receive="" se,="" street,="" td=""><td>nd Gas</td>	nd Gas					
Telephone:	304-884-1610		Morgantown, WV 26508		AUG 12	2013	
Email:	brittany_woody@swn.com	Facsimile:	304-884-1690			COMP Sel	
	Privacy Notice:			3v. v av. 1 av. 7	WV Departm Environmental F	nent of Protectio	

Operator Well No. Shawn Harlan MSH

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

entry	Requirement: Notice shall be prov	vided at least SEVEN (7) days but no n	W. A. C.	- (1-2-3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			
Date of Notic	e: 5/7/2019 Date of Pla	nned Entry: 5/14/2019					
Delivery met	hod pursuant to West Virginia C	ode § 22-6A-10a					
☐ PERSON	NAL REGISTERED	☐ METHOD OF DELIVERY TO	HAT REQUIRES A				
SERVIC		RECEIPT OR SIGNATURE O	CONFIRMATION				
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, which enable the sur-	nce tract to conduct any plat survey nan forty-five days prior to such en tract that has filed a declaration pur erals underlying such tract in the con Control Manual and the statutes ar ich statement shall include contact face owner to obtain copies from the face owner to obtain the face owner to see face owner to obtain the face owner to see face face owner to see face	Prior to filing a permit application, the east required pursuant to this article. Such try to: (1) The surface owner of such try to: (1) The surface owner of such try to: (1) The surface owner of such try to: (1) The surface owner to section thirty-six, article six, county tax records. The notice shall include rules related to oil and gas exploration information, including the address for the secretary.	notice shall be provided act; (2) to any owner or hapter twenty-two of th ude a statement that cop on and production may b	d at least seven days lessee of coal seams is code; and (3) any ies of the state Erosion be obtained from the			
Notice is here	by provided to:						
☐ SURFAC	CE OWNER(s)	☐ COAL OWNER	OR LESSEE				
Name:	34/7-2	Name:	Name:				
Address:		Address:					
Name:							
Address:		_ MNERALOW					
			e	_			
			Address: 1205 Clearmount Ave. SE North Canton, OH 44720				
Address.		*please attach additional f	orms if necessary				
a plat survey of State: County: District:	reby given: Test Virginia Code § 22-6A-10(a), report to tract of land as follows: West Virginia Marshall Liberty Littleton	Approx. Latitude & Lon Public Road Access: Watershed: Generally used farm nan	gitude: 39.733900, -80.6233 Greenfield Road Fish Creek/Upper Fi	393			
Pursuant to W a plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, W obtained from Notice is her Well Operator	lest Virginia Code § 22-6A-10(a), in the tract of land as follows: West Virginia Marshall Liberty Littleton state Erosion and Sediment Controlled from the Secretary, at the WV IV 25304 (304-926-0450). Copies the Secretary by visiting www.degreeby given by:	Approx. Latitude & Lon Public Road Access: Watershed: Generally used farm nan I Manual and the statutes and rules rela Department of Environmental Protectio s of such documents or additional information. www.gov/oil-and-gas/pages/default.aspr	gitude: 39.733900, -80.623: Greenfield Road Fish Creek/Upper Fi Shawn Harlan ted to oil and gas exploin headquarters, located anation related to horizon serpont, Dr., Suite 201	ration and production at 601 57th Street SEIVED natal drilling may be oil and Gas			
Pursuant to W a plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, W obtained from Notice is her	lest Virginia Code § 22-6A-10(a), in the tract of land as follows: West Virginia Marshall Liberty Littleton state Erosion and Sediment Controlled from the Secretary, at the WV IV 25304 (304-926-0450). Copies the Secretary by visiting www.degreeby given by:	Approx. Latitude & Lon Public Road Access: Watershed: Generally used farm nan I Manual and the statutes and rules rela Department of Environmental Protectio of such documents or additional information. www.gov/oil-and-gas/pages/default.asp.	gitude: 39.733900, -80.623: Greenfield Road Fish Creek/Upper Fi Shawn Harlan ted to oil and gas exploin headquarters, located anation related to horizon serpont, Dr., Suite 201	sh Creek ration and production at 601 57 th Street SEIVED ntal drilling may be Oil and Gas			

Oil and Gas Privacy Notice:

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

Date of Notice: \$778019 Date of Planned Entry: \$7182019 Delivery method pursuant to West Virginia Code \$ 22-6A-10a PERSONAL REGISTERED METHOD OF DELIVERY THAT REQUIRES A SERVICE MAIL RECIPIT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code \$ 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be contained in the secretary. Notice is hereby provided to: SUFFACE OWNER(s) Name: Address: Address: Name: Address: Address:		Requirement:	Notice shall be provi	ided at least SEVEN (7) day	s but no more than	FORTY-FIVE (45)	days prior to
Delivery method pursuant to West Virginia Code § 22-6A-10a PERSONAL REGISTERED METHOD OF DELIVERY THAT REQUIRES A SERVICE MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such norty to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner or financials underlying such tract in the county tax records. The notice shall include as statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s)	entry Date of Notic	e: 5/7/2019	Date of Plan	ned Entry: 5/14/2019			
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 entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner or dimensals underlying such tract in the county tax records. The notice shall include a statement those pices of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Addre	Delivery met	hod pursuant	to West Virginia Co	ode § 22-6A-10a			
SERVICE MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner or dimensals underlying such tract in the county tax records. The notice shall include a statement those pices of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Addre	DEDCON	TAT E	PEGISTERED	☐ METHOD OF DEL	IVERY THAT RE	OUIRES A	
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Name:							
SURFACE OWNER(s) Name:	on to the surfa- but no more the beneath such to owner of mine and Sediment Secretary, when able the sur-	nce tract to connan forty-five of tract that has firerals underlyin Control Manuich statement stace owner to the control of th	duct any plat surveys days prior to such ent iled a declaration purs g such tract in the coral and the statutes and the local include contact i obtain copies from the	required pursuant to this are ry to: (1) The surface owner suant to section thirty-six, a unty tax records. The notice d rules related to oil and gas information, including the a	ticle. Such notice s of such tract; (2) the tricle six, chapter to e shall include a state s exploration and pro-	thall be provided at least to any owner or lessee, wenty-two of this code attement that copies of to troduction may be obtain	of coal seams; and (3) any the state Erosion ined from the
Name:	Notice is here	by provided t	to:				
Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address:	☐ SURFAC	E OWNER(s)	7				
Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Address:	Name:			Name:	Name:		
Name:	Address:			_ Address:			
Name: Name: Levy Ray Evans Address: Ha Mount View Dr. Wheeling, WV 28003 *please attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.73390080.623393 County: Marshall Public Road Access: Greenfield Road District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Plerpont, Dr., Suite 201 Address: 304-884-1610 Facsimile: 304-884-1690 Facsimile: 304-884-1690 Facsimile: 304-884-1690	Name:			and the same of th	nace he decession		
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 conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.733900, -80.623393 County: Marshall Public Road Access: Greenfield Road District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Morgantown, WV 25508 Facsimile: 304-884-1610				Name: L'e	d Ray Evans		
*please attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39,733900,-80,623393 County: Marshall Public Road Access: Greenfield Road District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Address: 1300 Fort Pierpont, Dr., Suite 201 Address: 304-884-1690 Morgantown, WV 26508	Name:						
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Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Notice is hereby given by: Well Operator: swn production.company.llc Address: 1300 Fort Pierpont, Dr., Suite 201 Address: 12 20 Morgantown, WV 26508 Engail: 304-884-1690 Facsimile: 304-884-1690	Pursuant to Wa plat survey of State: County:	est Virginia C on the tract of West Virginia	Code § 22-6A-10(a), n land as follows:	Approx. Latit	ude & Longitude:	39.733900, -80.623393 Greenfield Road	
Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . RECEIVED Office of Oil and Office is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Telephone: 304-884-1610 Morgantown, WV 26508 Facsimile: 304-884-1690 AND PRODUCTION COMPANY, LLC Morgantown, WV 26508	District:	Liberty		101.000			
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Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 A 1 2 2 U Telephone: 304-884-1610 Morgantown, WV 26508 Facsimile: 304-884-1690	may be obtain Charleston, W	ned from the Se VV 25304 (304)	ecretary, at the WV D 4-926-0450). Copies	Department of Environmenta of such documents or addit	il Protection headq ional information r	uarters, located at 601	Street, SE,
Telephone: 304-884-1610 Morgantown, WV 26508 Facsimile: 304-884-1690			y:	60.255			10 2010
Facsimile: 304-884-1690	the state of the s	r: SWN PRODUC	CTION COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.,	Suite 201	A JI I Z ZUI
Finail: https://www.com/west.com/ Facsimile: 304-884-1690	and the same and t	304-884-1610				3	
-VIV DOPPLE	Email:	brittany_woody	@swn.com	Facsimile:	304-884-1690		WV Department Environmental Prote
	Oil and Gas	Privacy No	tice:				

WW-6A3 (1/12)

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

Notice Time entry	Requirement:	Notice shall be prov	ided at least SEVEN (7) day	ys but no more than	n FORT 1-FIVE (45) days	prior to
Date of Noti	ce: 5/7/2019	Date of Plan	nned Entry: 5/14/2019			
Delivery me	thod pursuant	to West Virginia C	ode § 22-6A-10a			
☐ PERSO		REGISTERED MAIL	☐ METHOD OF DEL RECEIPT OR SIGN			
on to the surf but no more beneath such owner of mir and Sedimen Secretary, wh	face tract to cond than forty-five do tract that has file terals underlying t Control Manua hich statement sl	duct any plat survey: lays prior to such end led a declaration pur g such tract in the co al and the statutes an	Prior to filing a permit applic is required pursuant to this are try to: (1) The surface owner suant to section thirty-six, an aunty tax records. The notice in drules related to oil and gas information, including the ac- tive secretary.	ticle. Such notice so of such tract; (2) ticle six, chapter to shall include a state exploration and p	shall be provided at least se to any owner or lessee of co wenty-two of this code; and atement that copies of the st roduction may be obtained	oven days oal seams I (3) any tate Erosion from the
Notice is her	reby provided to	0:				
SURFA	CE OWNER(s)		☐ COAT	OWNER OR LE	SSEE	
Name:			Name:			
Address:			Address:			
Name:						
Address:			_ MINE	ERAL OWNER(s)		
			Name: Elm	er Dean Evans		
Name:			Address:	5897 NE 349 HWY		
Address:			Old Town, FL 3	additional forms if ne	cessary	
Pursuant to V	ereby given: Vest Virginia Co on the tract of la West Virginia Marshall Liberty		Approx. Latite Public Road A Watershed:	ude & Longitude:	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek	to conduct
Quadrangle:			Generally use	Generally used farm name: Shawn Harlan		
Copies of the may be obtain Charleston, V	state Erosion and ned from the Sec VV 25304 (304)	cretary, at the WV E -926-0450). Copies	Manual and the statutes and Department of Environmenta of such documents or additi .wv.gov/oil-and-gas/pages/d	l Protection headquonal information r	uarters, located at 601 57th S	Street, SE, may be RECEIVED Office of Oil and Gas
Notice is he	reby given by	r:				AUG 1 2 2019
Well Operato		TION COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.,	Suite 201	AUG Z
Telephone:	304-884-1610			Morgantown, WV 26508		WV Department of
Email:	brittany_woody@	gswn.com	Facsimile:	304-884-1690		Environmental Protection
Oil and Ca	s Privacy Noti	ice.				4.7

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 provide	led at least SEVEN (7) day	s but no more than	FORTY-FIVE (45) days prior to
Date of Notice	e: 5/7/2019 Date of Plant	ned Entry: 5/14/2019			
Delivery met	hod pursuant to West Virginia Coo	le § 22-6A-10a			
☐ PERSON	NAL REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	OUIRES A	
SERVIC		RECEIPT OR SIGN			
on to the surfabut no more the beneath such owner of mine and Sediment Secretary, whenable the sur	Yest Virginia Code § 22-6A-10(a), Prace tract to conduct any plat surveys than forty-five days prior to such entritract that has filed a declaration pursuerals underlying such tract in the courant of Manual and the statutes and ich statement shall include contact in face owner to obtain copies from the	required pursuant to this are y to: (1) The surface owner ant to section thirty-six, are nty tax records. The notice rules related to oil and gas formation, including the ac-	ticle. Such notice s of such tract; (2) ticle six, chapter t shall include a sta exploration and p	shall be provided at least on any owner or lesse wenty-two of this content that copies of the country that copies of the country be ob-	east seven days e of coal seams de; and (3) any f the state Erosion tained from the
	eby provided to:	П	OWNERD OR LE	COPE	
	CE OWNER(s)		OWNER OR LE	RECEIVED	
Name:	2714444			÷	Office of Oil and Gas
Address.		7,440,455.			1.4.4.4.2
			alice Strikes Vi		AUG 1 2 2019
Address:			RAL OWNER(s)		
Mamor			othy Evans, Life Estate 9705 Lake Bess Rd, Lot#	WV Department of	
		Address: S Winter Haven		370	Environmental Protection RECEIVED
			additional forms if ne	cessary	Office of Oil and Ga
a plat survey	est Virginia Code § 22-6A-10(a), no on the tract of land as follows:				entry to conduct
State:	West Virginia		ide & Longitude:	39.733900, -80.623393 Greenfield Road	WV Department C
County: District:	tershall Public Road Access: Watershed:		recess:	Fish Creek/Upper Fish Cre	
District: Liberty Ouadrangle: Littleton		Generally use	d farm name:	Shawn Harlan	
may be obtain Charleston, W obtained from	state Erosion and Sediment Control I ted from the Secretary, at the WV De I/V 25304 (304-926-0450). Copies of the Secretary by visiting www.dep.v	partment of Environmenta of such documents or additi	I Protection headq onal information r	uarters, located at 60	1 57 th Street, SE,
	: SWN PRODUCTION COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.,	Suite 201	
Telephone:	304-884-1610		Morgantown, WV 26508	r	
Email:	brittany woody@swn.com	Facsimile:	304-884-1690		

Oil and Gas Privacy Notice:

brittany_woody@swn.com

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

Notic		equirement: Notice shall be prov		ys but no more than	FORTY-FIVE (45)	days prior to
Date	of Notice:	5/1/2019 Date of Plan	nned Entry: 5/14/2019			
Deliv	ery metho	d pursuant to West Virginia Co	ode § 22-6A-10a			
	PERSONA	L REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	QUIRES A	
	SERVICE	MAIL	RECEIPT OR SIGN	ATURE CONFIR	MATION	
on to but no benea owner and S Secre enable	the surface o more that oth such tra- r of mineral ediment Contary, which e the surfa	at Virginia Code § 22-6A-10(a), Per tract to conduct any plat surveys in forty-five days prior to such enter that has filed a declaration purells underlying such tract in the control Manual and the statutes and a statement shall include contact in the control of the control o	s required pursuant to this as try to: (1) The surface owner suant to section thirty-six, as unty tax records. The notice of rules related to oil and gas information, including the as	ticle. Such notice s of such tract; (2) t rticle six, chapter to shall include a sta exploration and pr	hall be provided at le to any owner or lesses wenty-two of this codutement that copies of roduction may be obte	ast seven days e of coal seams e; and (3) any the state Erosion ained from the
		y provided to:	П сом	LOWNER OR LE	CCEE	
SURFACE OWNER(s)						
Name:Address:		Address:			RECEIVED	
						Office of Oil and Gas
Name	:		E vov	DAL ONDED(-)		Omos or on any
Addre	ess:		-	RAL OWNER(s)		AUG 1 2 2019
Name			Name: Dor	16085 Galehouse Road		0.000 3-75 4-77
Addre	ess:					WV Department of
			*please attac	n additional forms if neo	cessary	Environmental Protection
Pursu	ant to Wes	by given: t Virginia Code § 22-6A-10(a), n the tract of land as follows: /est Virginia larshall	Approx, Latit	ude & Longitude:	39.733900, -80.623393 Greenfield Road	
Distri	_	berty	Watershed:		Fish Creek/Upper Fish Creek	
Quadi	rangle: L	ttleton	Generally use	d farm name:	Shawn Harlan	
may b	e obtained	ate Erosion and Sediment Control I from the Secretary, at the WV D 25304 (304-926-0450). Copies he Secretary by visiting www.dep	Department of Environmenta of such documents or additi	l Protection headquonal information re	arters, located at 601	57th Street, SE,
		by given by:	2.34			
	Operator: hone:	SWN PRODUCTION COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.,		
Email		304-884-1610	Facsimile:	Morgantown, WV 26508 304-884-1690		
Linaii		brittany_woody@swn.com	r acsimite.	021-001-1000		-

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

	e Time l	Requirement	: Notice shall be prov	vided at least S	EVEN (7) day	s but no more that	n FORTY-FIVE (45)	days prior to	
entry Date	of Notice	e: 5/7/2019	Date of Pla	nned Entry: 5	5/14/2019				
			to West Virginia C	ode § 22-6A-1	l0a				
	PERSON	TAT E	REGISTERED	П мет	HOD OF DEL	IVERY THAT RE	OUIRES A		
	ERVIC		MAIL		ETHOD OF DELIVERY THAT REQUIRES A CCEIPT OR SIGNATURE CONFIRMATION				
Pursua on to the but no beneat owner and Se Secret enable	ant to W the surfa o more the th such the of mine ediment tary, while the surf	est Virginia C ce tract to con an forty-five ract that has f trals underlyin Control Manu ch statement	duct any plat survey days prior to such en iled a declaration puring such tract in the colar and the statutes are shall include contact obtain copies from the	s required purs try to: (1) The rsuant to section ounty tax recor- nd rules related information, in	suant to this ar surface owner on thirty-six, ar ds. The notice I to oil and gas	ticle. Such notice : of such tract; (2) ticle six, chapter t shall include a state exploration and p	shall provide notice of shall be provided at le to any owner or lessed wenty-two of this cod atement that copies of roduction may be obta age on the Secretary's	ast seven days e of coal seams e; and (3) any the state Erosion ained from the	
					П сол	OWNER OR LE	SSEE		
SURFACE OWNER(s) Name:			Name:						
Address:			Address:			RECEIVED Office of Oil and Gas			
Name						e So tack his out			
Addre	ss:				1	RAL OWNER(s)		AUG 1 2 2019	
Name					Name: Mich	nael P. Bonacich 317 Morgan Rd			
Addre	ss:				Dover, AR 728			WV Department of	
				_	*please attach	additional forms if ne	cessary	Environmental Protection	
Pursua a plat State:	ant to W survey o	n the tract of West Virginia	ode § 22-6A-10(a), r land as follows:		Approx. Latitu	ıde & Longitude:		entry to conduct	
Count Distric	-	Marshall			Public Road A Watershed:	ccess:	Greenfield Road Fish Creek/Upper Fish Cree	v	
		Littleton			Shawn Harlan				
Copies may b Charle	s of the se obtained	state Erosion a ed from the Se V 25304 (304	ecretary, at the WV I	I Manual and to Department of s of such docur	he statutes and Environmental nents or additi	f rules related to o l Protection headq onal information r	il and gas exploration uarters, located at 601 elated to horizontal dr	57th Street, SE,	
Notic	e is her	eby given b	y:						
			TION COMPANY, LLC		Address:	1300 Fort Pierpont, Dr.,	Suite 201		
Teleph		304-884-1610				Morgantown, WV 26508	1		
Email:		brittany woody	@swn.com		Facsimile:	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

	Requirement:	Notice shall be prov	vided at least	SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45)	days prior to
entry Date of Notic	ce: 5/7/2019	Date of Pla	nned Entry:	5/14/2019			
Delivery met	thod pursuant	to West Virginia C	ode § 22-6A	-10a			
_						COURSES A	
☐ PERSO		REGISTERED			IVERY THAT RE		
SERVIC	E	MAIL	REC	EIPT OR SIGN	NATURE CONFIR	MATION	
on to the surf 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 underlyin to Control Manu lich statement serface owner to	duct any plat survey days prior to such en led a declaration pur g such tract in the co al and the statutes ar thall include contact obtain copies from the	s required putry to: (1) The suant to sect ounty tax record rules related information,	rsuant to this are surface owner ion thirty-six, a ords. The noticed to oil and gas	rticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of shall be provided at least to any owner or lessee wenty-two of this code attement that copies of production may be obtat age on the Secretary's	ist seven days of coal seams of; and (3) any the state Erosion ined from the
Notice is her	eby provided t	to:					
☐ SURFACE OWNER(s)			☐ COA	LOWNER OR LE	SSEE		
Name:			Name:				
Address:		20	Address:				
				-			RECEIVED
				- 100m	TRAL OWNERS		Office of Oil and Gas
Address:					ERAL OWNER(s)		Onido or on and dae
Names			-	Name: Det	5057 Camden Ave.		AUG 1 2 2019
Address			-	Address: San Jose, CA			AUU I A COIJ
, ruar ess					h additional forms if ne	cessary	Anne de la constante de la con
	N. C.		-				WV Department of Environmental Protection
	est Virginia C	ode § 22-6A-10(a), r and as follows:	notice is here	Approx. Latit	ude & Longitude:	operator is planning e	ntry to conduct
County:	Marshall			Public Road A	Access:	Greenfield Road	
District:	Liberty			Watershed:		Fish Creek/Upper Fish Creek	
Quadrangle:	Littleton			Generally use	d farm name:	Shawn Harlan	
may be obtain Charleston, W	ned from the Se VV 25304 (304	cretary, at the WV I	Department of of such docu	f Environmenta iments or additi	l Protection headquoinal information r	il and gas exploration a uarters, located at 601 elated to horizontal dri	57 th Street, SE,
Notice is he	reby given by	,.					
		TION COMPANY, LLC		Address:	1300 Fort Pierpont, Dr.,	Suite 201	
Telephone:	304-884-1510				Morgantown, WV 26508		
Email:	brittany_woody@	gswn.com		Facsimile:	304-884-1690		

Oil and Gas Privacy Notice:

brittany_woody@swn.com

Operator Well No. Shawn Harlan MSH

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

	e Requiremen	nt: Notice shall be prov	vided at least SEVEN	(7) day	s but no more tha	n FORTY-FIVE (45)	lays prior to
Date of Not	tice: 5/7/2019	Date of Pla	nned Entry: 5/14/2019				
Delivery m	ethod pursua	nt to West Virginia C	ode § 22-6A-10a				
☐ PERSO	ONAL [REGISTERED	☐ METHOD C	OF DELI	VERY THAT RE	QUIRES A	
SERVI		MAIL			ATURE CONFIR		
on to the sur but no more beneath suc owner of mi and Sedimer Secretary, w	rface tract to contain than forty-five that has inerals underly to Control Manyhich statement	onduct any plat survey e days prior to such en filed a declaration pur ing such tract in the co nual and the statutes ar	s required pursuant to try to: (1) The surfac- rsuant to section thirt- ounty tax records. The nd rules related to oil information, including	o this art e owner y-six, art ne notice and gas	icle. Such notice sof such tract; (2) ticle six, chapter the shall include a state exploration and p	shall provide notice of shall be provided at least to any owner or lessee of wenty-two of this code; atement that copies of the roduction may be obtain age on the Secretary's v	st seven days of coal seams ; and (3) any he state Erosion ned from the
Notice is he	reby provide	d to:					
☐ SURFACE OWNER(s)				COAL	OWNER OR LE	SSEE	
Name:Address:			Na	Name:			
Address: _			_ Ad	dress: _			
Name: Address:			_	MINE	RAL OWNER(s)		RECEIVED Office of Oil and Gas
			_ Na:	me: Patty	D. Jefferson		Office of off and date
Name:			_ Ad		O Box 471275		Aut 1 2 2019
Address: _				e Monroe, F	L 32747 additional forms if ne	cessary	2 2 2010
Pursuant to a plat survey	on the tract o	Code § 22-6A-10(a), r f land as follows:	notice is hereby given	1 that the	undersigned well	l operator is planning en	WV Department of Environmental Protection for to conduct
State:	West Virginia		D. I.I.	Road A	de & Longitude:	39.733900, -80,623393	
County: District:	Marshall Liberty				ccess:	Greenfield Road Fish Creek/Upper Fish Creek	
Quadrangle:						Shawn Harlan	
may be obta Charleston,	e state Erosion ined from the WV 25304 (3	and Sediment Contro Secretary, at the WV I	I Manual and the stat Department of Enviro of such documents of	nmental or additio	Protection headquartion r	il and gas exploration a parters, located at 601 5 elated to horizontal dril	57th Street, SE,
N. C	in the Leave	Long					
Notice is h Well Operat	ereby given		Add	ress:	1200 Feet Di D-	Suita 201	
Telephone:	304-884-161	UCTION COMPANY, LLC	Add	1033.	1300 Fort Pierpont, Dr., Morgantown, WV 26508		
Email:		dy@swn.com	Facs	simile:	304-884-1690		
Oil and Ga	s Privacy N						

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	ided at least SEVEN (7) day	s but no more that	n FORTY-FIVE (45)	days prior to	
entry Date of Notic	e: 5/7/2019 Date of Plan	nned Entry: 5/14/2019				
Delivery met	hod pursuant to West Virginia Co	ode § 22-6A-10a				
☐ PERSON			ETHOD OF DELIVERY THAT REQUIRES A			
SERVIC		RECEIPT OR SIGN				
on to the surfa- but no more the beneath such to owner of mine and Sediment Secretary, when able the sur-	est Virginia Code § 22-6A-10(a), Pace tract to conduct any plat surveys nan forty-five days prior to such enteract that has filed a declaration purerals underlying such tract in the co-Control Manual and the statutes and ich statement shall include contact face owner to obtain copies from the	s required pursuant to this ar try to: (1) The surface owner suant to section thirty-six, an ounty tax records. The notice of rules related to oil and gas information, including the ac	ticle. Such notice of such tract; (2) ticle six, chapter to shall include a state exploration and p	shall be provided at least to any owner or lessee wenty-two of this code atement that copies of roduction may be obta	of coal seams e; and (3) any the state Erosion hined from the	
	eby provided to:	H				
SURFACE OWNER(s)			OWNER OR LE		STOCKE SALE	
					RECEIVED	
Address:					Office of Oil and Gas	
Name:			ERAL OWNER(s)		AUG 1 2 2019	
71dd7033		Name: Ton	y Vigil			
Name:			304 S. 105th Pl., Apt. 30	18	WV Department of	
		Mesa, AZ 8520			Environmental Protection	
		*please attacl	additional forms if ne	ecessary		
Notice is her Pursuant to W a plat survey of State:	reby given: Yest Virginia Code § 22-6A-10(a), no on the tract of land as follows: West Virginia		e undersigned wel	operator is planning 39.733900, -80.623393	entry to conduct	
County:	Marshall	Public Road A	Access:	Greenfield Road		
District: Liberty		Watershed:		Fish Creek/Upper Fish Creek		
Quadrangle: Littleton		Generally use	d farm name:	Shawn Harlan		
may be obtain Charleston, W	state Erosion and Sediment Controlled from the Secretary, at the WV DV 25304 (304-926-0450). Copies the Secretary by visiting www.dep	Department of Environmenta of such documents or additi	l Protection headq onal information i	uarters, located at 601	57 th Street, SE,	
Notice is he	reby given by:					
Well Operator	SWN PRODUCTION COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.	Suite 201		
Telephone:	304-884-1610		Morgantown, WV 2650	8		
Email:	brittany_woody@swn.com	Facsimile:	304-884-1690			

Oil and Gas Privacy Notice:

Operator Well No. Shawn Harlan MSH

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

Notice Ti	me Requiren	nent: Notice shall be prov	vided at least SEVEN (7) day	ys but no more tha	n FORTY-FIVE (45) days prior to			
Date of N	otice: 5/7/2019	Date of Plan	nned Entry: 5/14/2019					
Delivery	method purs	uant to West Virginia C	ode § 22-6A-10a					
☐ PER	SONAT	REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	EOUIRES A			
	VICE	MAIL	RECEIPT OR SIGN					
on to the solution to the solution of and Sedin Secretary.	surface tract to ore than forty- uch tract that minerals unde nent Control No.	o conduct any plat survey five days prior to such en has filed a declaration pur trlying such tract in the co Manual and the statutes ar	s required pursuant to this ar try to: (1) The surface owner suant to section thirty-six, and ounty tax records. The notice and rules related to oil and gas information, including the ac-	ticle. Such notice of such tract; (2) ticle six, chapter to shall include a story captoration 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			
Notice is	hereby provi	ded to:						
□ SUR	FACE OWNE	ER(s)	☐ COAL	COAL OWNER OR LESSEE				
			Name:	Name:				
Address:								
Name:			-					
Address:			_ III MINE	ERAL OWNER(s)				
			_ Name: Kar	n Bonacich				
Name:			Address:					
Address:			North Middleto		vanarani.			
			_ *please attac	h additional forms if ne	ecessary			
Pursuant i		nia Code § 22-6A-10(a), ret of land as follows:		e undersigned wel	I operator is planning entry to conduct 39.733900, -80.623393			
County:	Marshall		Public Road A	Access:	Greenfield Road			
District:			Watershed:		Fish Creek/Upper Fish Creek			
Quadrang	le: Littleton		Generally use	d farm name:	Shawn Harlan			
Copies of may be ob Charlesto obtained t	the state Eros otained from t n, WV 25304 from the Secre	sion and Sediment Contro he Secretary, at the WV I (304-926-0450). Copies etary by visiting www.der	l Manual and the statutes and Department of Environmenta of such documents or additi b.wv.gov/oil-and-gas/pages/o	d rules related to o l Protection headq onal information i lefault.aspx.	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling for the D Office of Oil and Gas			
Notice in	hereby give	an hy			AUG 1 2 2019			
AOTHER IS		CODUCTION COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.	Suite 201			
Well One	LUIUI. SVVIN PR	CODOG HOM COMPANT, LLC	71441033.					
	307 564	1610		Morgantown WW 2650:	8 MAZ			
Well Ope Telephone Email:		-1610 woody@swn.com	Facsimile:	Morgantown, WV 26503 304-884-1690	s WV Department of Environmental Protection			

Operator Well No. Shawn Harlan MSH

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	vided at least SEVEN (7) d	ays but no more th	an FORTY-FIV	E (45) days prior to
Date of Notic	ce: 5/7/2019	Date of Plan	nned Entry: 5/14/2019			
Delivery met	hod pursuant	to West Virginia C	ode § 22-6A-10a			
☐ PERSO	NAT.	REGISTERED	☐ METHOD OF DE	TIVEDV TUAT D	EQUIDES A	
SERVIC		MAIL	RECEIPT OR SIG			
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, who	ace tract to cond han forty-five d tract that has fil erals underlying Control Manua ich statement sh	luct any plat surveys ays prior to such ent ed a declaration pur s such tract in the co Il and the statutes an	Prior to filing a permit apples required pursuant to this a try to: (1) The surface own suant to section thirty-six, unty tax records. The notion of rules related to oil and gainformation, including the secretary.	article. Such notice er of such tract; (2) article six, chapter ce shall include a s as exploration and	shall be provided to any owner or twenty-two of thi tatement that copi production may b	l at least seven days lessee of coal seams s code; and (3) any les of the state Erosion e obtained from the
Notice is here	eby provided to):				
☐ SURFAC	E OWNER(s)		□ co∧	L OWNER OR LI	ESSEE	
				S O WY, DAY ON DA		
Address:			Address:			
Name:						_
Address:			- III MIN	ERAL OWNER(s)		
Tamai			Name:\Ca	rrie Jo. Thomas		
Address:			Address:	21803 E. Munoz St.		
rudicss.				, AZ 85142 ch additional forms if ne	nonerom.	_
Notice is her Pursuant to Wa a plat survey o State: County:	est Virginia Coon the tract of la West Virginia	nd as follows:		tude & Longitude:	39.733900, -80.62339	
A CONTRACTOR OF THE PARTY OF TH			Public Road	Access:	Greenfield Road	
Quadrangle:	Littleton		Watershed:	ed farm name:	Fish Creek/Upper Fish Shawn Harlan	n Creek
Copies of the s may be obtained Charleston, W	state Erosion and ed from the Section 25304 (304-	retary, at the WV De 926-0450). Copies of	Manual and the statutes an epartment of Environments of such documents or addit	d rules related to o il Protection headq ional information r	il and gas explora	601 57 th Street, SE, al drilling may be
Notice is her	eby given by:					RECEIVED Office of Oil and Ga
Vell Operator:		ON COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.,	Suite 201	Onico of on and ass
elephone:	304-884-1610	The state of the s		Morgantown, WV 26508		AUG 1 2 2019
lmail:	brittany_woody@s	wn.com	Facsimile:	304-884-1690		110000000000000000000000000000000000000
Oil and Gas	2012 - 3.5 (8)					WV Department o

WW-6A3 (1/12)

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

	otice: 5/7/2019	Date of Plan	nned Entry: 5/14/2019			
Delivery m	nethod pursua	nt to West Virginia Co	ode § 22-6A-10a			
□ pepe	SONAL	REGISTERED	☐ METHOD OF DEL	IVERY THAT RE	QUIRES A	
SERV		MAIL	RECEIPT OR SIGN			
on to the su but no mor beneath suc owner of mand Sedimo Secretary	urface tract to ore than forty-five ch tract that hat hat hat hat hat the control May which statement.	conduct any plat survey, we days prior to such en s filed a declaration pur ying such tract in the co	Prior to filing a permit applic s required pursuant to this as try to: (1) The surface owner suant to section thirty-six, a bunty tax records. The notion and rules related to oil and gat information, including the and the secretary.	r of such tract; (2) tricle six, chapter to e shall include a sta	o any owner or le venty-two of this tement that copie roduction may be	essee of coal seams code; and (3) any es of the state Erosion obtained from the
Notice is h	ereby provide	ed to:	Ä.		2000	
☐ SURF	FACE OWNER	(s)	☐ COA	L OWNER OR LE	SSEE	
Name:			_ Name:			
Address:						
Name:			- E.m.	ERAL OWNER(s)		
Address:						
Nama			Address:	T. Stalker 2783 N. Stanton Ave		
			Fayetteville, /	R 72703		
volucers. •			*please atta	ch additional forms if ne	cessary	
Contract to	hereby given	ı: a Code δ 22-6A-10(a),	notice is hereby given that t	ne undersigned wel	l operator is plan	
Pursuant to	west Virginia Marshall Liberty	of land as follows:	Public Road Watershed:	tude & Longitude:	39.733900, -80.62338 Greenfield Road Fish Creek/Upper Fis Shawn Harlan	
Pursuant to a plat surv State: County: District: Quadrangl Copies of may be ob Charlestor obtained f	west Virginia Marshall Liberty le: Littleton the state Erosion tained from the marshall the Secret the hereby gives rator: SWN PRO	of land as follows: on and Sediment Control e Secretary, at the WV (304-926-0450). Copie ary by visiting www.de n by: DDUCTION COMPANY, LLC	Public Road Watershed:	tude & Longitude: Access: ed farm name: ad rules related to of al Protection headq tional information	Greenfield Road Fish Creek/Upper Fis Shawn Harlan il and gas explora uarters, located a related to horizon	ation and production

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. 1.00.	The second of the second of the	least SEVEN (7) days	out no more than		50 TO 20 1 TO
entry Date of Notice	e: 5/7/2019	Date of Planned Er	itry: 5/14/2019			
Delivery metl	od pursuant to W	Vest Virginia Code § 22	2-6A-10a			
☐ PERSON	IAL E RE	GISTERED	METHOD OF DELI	VERY THAT RE	QUIRES A	
SERVICE	11.1	AIL	RECEIPT OR SIGNA	ATURE CONFIR	MATION	
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, while enable the surface	ce tract to conduct an forty-five days ract that has filed a rals underlying suc Control Manual an ch statement shall	§ 22-6A-10(a), Prior to any plat surveys require prior to such entry to: (a declaration pursuant to the tract in the county tan ded the statutes and rules include contact information in copies from the secret	ed pursuant to this arti I) The surface owner of section thirty-six, article records. The notice related to oil and gas of tion, including the addition, including the addition.	cle. Such notice s of such tract; (2) t icle six, chapter to shall include a sta exploration and pi	thall be provided at to any owner or less wenty-two of this co tement that copies troduction may be o	least seven days lee of coal seams lode; and (3) any lof the state Erosion lotained from the
	E OWNER(s)		П сол	OWNER OR LE	SSEE	
Address:			Address:			
Name:				A STAN WATER		
Address:				RAL OWNER(s)		
			Name: Dale I			2
Name:				Airport Road		2
Address:			Pageland, SC 28	5728 additional forms if neo	24250m/	-
			*please altach	additional forms if field	cessary	
Notice is her Pursuant to W a plat survey of State:	eby given: est Virginia Code on the tract of land West Virginia	§ 22-6A-10(a), notice is as follows:	Approx. Latitud	de & Longitude:	operator is plannin 39.733900, -80.623393	g entry to conduct
Pursuant to W a plat survey of State:	est Virginia Code on the tract of land West Virginia	as follows:	Approx. Latitud	de & Longitude:	39.733900, -80.623393 Greenfield Road	
Pursuant to W a plat survey of State: County: District:	est Virginia Code on the tract of land West Virginia	as follows:	Approx. Latitud Public Road Ac Watershed:	de & Longitude: ccess:	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Co	
Pursuant to W a plat survey of State: County: District:	est Virginia Code on the tract of land West Virginia Marshall	as follows:	Approx. Latitud	de & Longitude: ccess:	39.733900, -80.623393 Greenfield Road	
Pursuant to W a plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, W obtained from Notice is her	est Virginia Code in the tract of land West Virginia Marshall Liberty Littleton state Erosion and S ed from the Secretary V 25304 (304-926) the Secretary by vireby given by:	sediment Control Manua ary, at the WV Departm 5-0450). Copies of such isiting www.dep.wv.gov	Approx. Latitude Public Road Ad Watershed: Generally used al and the statutes and ent of Environmental documents or addition	de & Longitude: ccess: farm name: rules related to oi Protection headque and information refault.aspx.	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Co Shawn Harlan il and gas exploration parters, located at 6 elated to horizontal	on and production 01 57 th Street, SE, drilling may be Office of Oil and Gas
Pursuant to W a plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, W obtained from Notice is her Well Operator	est Virginia Code in the tract of land West Virginia Marshall Liberty Littleton state Erosion and S ed from the Secretary V 25304 (304-926) the Secretary by vireby given by:	sediment Control Manua ary, at the WV Departm 5-0450). Copies of such isiting www.dep.wv.gov	Approx. Latitude Public Road Ad Watershed: Generally used al and the statutes and ent of Environmental adocuments or addition	de & Longitude: ccess: farm name: rules related to oi Protection headque and information refault.aspx.	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Co Shawn Harlan il and gas exploration parters, located at 60 elated to horizontal Suite 201	on and production 01 57 th Street, SE, drilling may be
Pursuant to W a plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, W obtained from Notice is her	est Virginia Code in the tract of land West Virginia Marshall Liberty Littleton state Erosion and S ed from the Secretary V 25304 (304-926) the Secretary by vireby given by:	sediment Control Manua ary, at the WV Departm 5-0450). Copies of such isiting www.dep.wv.gov	Approx. Latitude Public Road Ad Watershed: Generally used al and the statutes and ent of Environmental documents or addition	de & Longitude: ccess: farm name: rules related to oi Protection headque and information refault.aspx.	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Co Shawn Harlan il and gas exploration parters, located at 60 elated to horizontal Suite 201	on and production 01 57 th Street, SE, drilling may be Office of Oil and Gas

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

Notice Time I entry	Requirement: Notice shall be provi		s but no more than	FORTY-FIVE (45) day	s prior to
Date of Notic	e: 5/7/2019 Date of Plan	ined Entry: 5/14/2019			
Delivery meth	nod pursuant to West Virginia Co	ode § 22-6A-10a			
☐ PERSON	NAL REGISTERED	☐ METHOD OF DELI	VERY THAT RE	QUIRES A	
SERVIC		RECEIPT OR SIGNA			
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, while enable the sur	est Virginia Code § 22-6A-10(a), Pose tract to conduct any plat surveys an forty-five days prior to such enteract that has filed a declaration purerals underlying such tract in the co-Control Manual and the statutes and the statement shall include contact if face owner to obtain copies from the	s required pursuant to this arti- ry to: (1) The surface owner suant to section thirty-six, art unty tax records. The notice d rules related to oil and gas information, including the ad-	of such notice s of such tract; (2) t icle six, chapter to shall include a sta exploration and pr	o any owner or lessee of wenty-two of this code; a tement that copies of the roduction may be obtaine	coal seams nd (3) any state Erosion d from the
Notice is here	by provided to:				
☐ SURFAC	E OWNER(s)		OWNER OR LE		
Name:	- 3 de-3	Name:			
Address:		_ Address			
Name:			a restlection is		
Address:		EI MINE	RAL OWNER(s)		
		Name: The	leanne Govro De Clue Re	evocable Living Trust	
			505 Morning Sun Circle		
Address:		Birmingham, AL *please attach	additional forms if ne	cessary	
Notice is her Pursuant to W a plat survey of State: County: District: Quadrangle:	reby given: Test Virginia Code § 22-6A-10(a), not the tract of land as follows: West Virginia Marshall Liberty Littleton	Approx. Latitu Public Road A	de & Longitude: ccess:	operator is planning entr 39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek Shawn Harlan	
may be obtain Charleston, W obtained from Notice is he Well Operato	BOLD SANDERS	Department of Environmental of such documents or addition	Protection headque on al information refault.aspx. 1300 Fort Pierpont, Dr.,	uarters, located at 601 57 elated to horizontal drilli Suite 201	Street, SE,
Telephone:	304-884-1610	Facsimile:	Morgantown, WV 26508	,	WV Department of
Email:	brittany_woody@swn.com	racsimile:	304-884-1690		Environmental Protection

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) da	ys but no more tha	in FORTY-FIVE	(45) days prior to
Date		ce: 5/7/2019	Date of Plan	nned E	ntry: 5/14/2019			
Deli	very met	hod pursuant	to West Virginia C	ode § 2	2-6A-10a			
	PERSO	VAL 🔳	REGISTERED		METHOD OF DEL	LIVERY THAT RI	EQUIRES A	
	SERVIC	1	MAIL		RECEIPT OR SIGN		The second secon	
on to but in bene- own and Secretable	o the surf no more t eath such er of min Sediment etary, whole the sur	ace tract to come han forty-five de tract that has file erals underlying Control Manual ich statement sin face owner to come	al and the statutes an hall include contact obtain copies from the	s require try to: (suant to ounty tax d rules informa	ed pursuant to this as 1) The surface owner section thirty-six, as c records. The notice related to oil and ga- tion, including the a	rticle. Such notice or of such tract; (2) rticle six, chapter to e shall include a st s exploration and p	shall be provided a to any owner or lest twenty-two of this atement that copies production may be	t least seven days see of coal seams code; and (3) any s of the state Erosion obtained from the
Noti	ce is her	eby provided t	0:					
	SURFAC	CE OWNER(s)				L OWNER OR LE		
Nam	ie:			_	Name:			
Add	ress:				Address:			-
Nam	ie:							
Add	ress:					ERAL OWNER(s)		
						vid A. Teagarden		_
Nam	ie:				Wall 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1304 Kiowa Drīve W		_
Add	ress:			-	Lake Kiowa, T	'X 76240 h additional forms if ne		
		reby given:						
			de § 22-6A-10(a), n	otice is	hereby given that th	e undersigned wel	l operator is planni	ng entry to conduct
State		on the tract of la	and as follows:		Approx Latit	ude & Longitude:	39.733900, -80.623393	
Cour		Marshall			Public Road	And the second s	Greenfield Road	
Distr					Watershed:	100000.	Fish Creek/Upper Fish (Creek
Quad	drangle:	Littleton			Generally use	d farm name:	Shawn Hartan	
may Char	be obtain leston, W	ed from the Sec V 25304 (304-	nd Sediment Control cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	epartmof such	ent of Environmenta documents or addit	l Protection headq ional information r	uarters, located at 6	501 57th Street, SE,
NI-4	an in b	anlass minasa I						RECEIVED
	Operator	reby given by	ON COMPANY, LLC		Address:	4000 F-4 01 5:	0.0-004	Office of Oil and Gas
	phone:	304-884-1610	TON COMPANT, LLC	-		1300 Fort Pierpont, Dr., Morgantown, WV 26508		Super or Strategies
Ema		brittany_woody@	swn.com		Facsimile:	304-884-1690	•	AUG 1 2 2019
		72			- 455,000,000			
Oil :	and Gas	Privacy Noti	ce:					WV Department of

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

WW-6A3 (1/12)

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

	Requirement: Notice	e shall be provide	d at least SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45)	lays prior to	
entry Date of Noti	ce: 5/7/2019	Date of Planne	d Entry: 5/14/2019				
Delivery me	thod pursuant to We	st Virginia Code	§ 22-6A-10a				
				n may mile a a	POLITICE A		
PERSO		ISTERED	METHOD OF DEI				
SERVIC	CE MAI	L	RECEIPT OR SIG	NATURE CONFIR	CMATION		
on to the surfiction to the surfice of more to the such owner of minard Sedimen Secretary, when the surfice of	ace tract to conduct and han forty-five days protract that has filed a derals underlying such to control Manual and	ny plat surveys re rior to such entry leclaration pursua tract in the count the statutes and re clude contact info	or to filing a permit applit quired pursuant to this a to: (1) The surface owner of the section thirty-six, and tax records. The noticules related to oil and gapernation, including the accretary.	rticle. Such notice ir of such tract; (2) rticle six, chapter t e shall include a st s exploration and p	shall be provided at leas to any owner or lessee of twenty-two of this code; atement that copies of the production may be obtain	of coal seams and (3) any ne state Erosion and from the	
Notice is her	eby provided to:						
☐ SURFAC	CE OWNER(s)		☐ COA	L OWNER OR LE	SSEE		
Address:			Address:				
Name			1				
Address:	1		■ MINI	ERAL OWNER(s)			
					Taylor (Remaindermen) ofo Dorothy Evans		
Name:				9705 Lake Bess Rd, Lot			
Address:			Winter Haven				
			*please attac	h additional forms if ne	ecessary		
Pursuant to W	on the tract of land as		ce is hereby given that the	e undersigned wel	l operator is planning en	try to conduct	
County:	Marshall		Public Road A		Greenfield Road		
District:	Liberty				Fish Creek/Upper Fish Creek		
Quadrangle:	Littleton		Generally use	d farm name:	Shawn Harlan		
nay be obtair Charleston, W	ed from the Secretary V 25304 (304-926-0	y, at the WV Depa (450). Copies of:	anual and the statutes an artment of Environmenta such documents or additionally and and an artment of a distribution of the statutes and a statute and a statutes and a st	l Protection headqi ional information r	uarters, located at 601 5	7th Street, SE,	
Y. 45	Paradan ban						EIVED
Well Operator	reby given by:	in the same	A ddings.	The action was be	2000	Office of O	il and G
Telephone:	SWN PRODUCTION CON 304-884-1610	WIPANY, LLC	Address:	1300 Fort Pierpont, Dr., Morgantown, WV 26508		ALIC 1	0 004
Email:	brittany_woody@swn.com	i	Facsimile:	304-884-1690		AUG 1	£ 2015
The Office of	Privacy Notice: Oil and Gas processe	s your personal ir	aformation, such as name	e, address and telep	phone number, as part of	WV Depa Environmenta f our regulatory	rtment o al Proteo

needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact

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

WW-6A3 (1/12)

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)	days but no more tha	an FORTY-FIVE (45) d	ays prior to
entry Date of Noti	ce: 5/7/2019	Date of Plan	ned Entry: 5/14/2019			
Delivery me	thod pursuant	to West Virginia Co	ode § 22-6A-10a			
☐ PERSO	NAL	REGISTERED	☐ METHOD OF D	ELIVERY THAT RI	EQUIRES A	
SERVI	CE	MAIL	RECEIPT OR SI	GNATURE CONFI	RMATION	
on to the sur- but no more beneath such owner of mir and Sedimen Secretary, wi enable the su	face tract to conthan forty-five of tract that has facerals underlying to Control Manualich statement of the control of the co	nduct any plat surveys days prior to such ent iled a declaration pursing such tract in the contact and the statutes and shall include contact if obtain copies from the	rior to filing a permit apprequired pursuant to this ry to: (1) The surface ow suant to section thirty-six anty tax records. The nod rules related to oil and information, including the e secretary.	article. Such notice ner of such tract; (2) , article six, chapter tice shall include a st gas exploration and p	shall be provided at leas to any owner or lessee of twenty-two of this code; tatement that copies of the production may be obtain	t seven days f coal seams and (3) any e state Erosion led from the
	eby provided					
	CE OWNER(s)			AL OWNER OR LE	ESSEE	
Name:			Name:			
Address:						
Name:						
Address:			■ MI	NERAL OWNER(s)		
Name:			Address	Janet Qates : 1319 Granborough Dr.		
Address:			Gardenville	, NV 89410		
	-		*please at	tach additional forms if ne	ecessary	
Pursuant to V	on the tract of I	code § 22-6A-10(a), no land as follows:		titude & Longitude:	Il operator is planning en	try to conduct
District:	Liberty		Watershed:		Fish Creek/Upper Fish Creek	
Quadrangle:	Littleton		Generally u	sed farm name:	Shawn Harlan	
may be obtain Charleston, Voobtained from	ned from the Se VV 25304 (304 the Secretary	ecretary, at the WV D 4-926-0450). Copies by visiting <u>www.dep.</u>	Manual and the statutes epartment of Environment of such documents or add wv.gov/oil-and-gas/page	ntal Protection headq litional information r	uarters, located at 601 57	7 th Street, SE,
	reby given by		A J.J	MINERAL STATE	2.2.21	ALIC 1 9 2040
Well Operato Telephone:	T. T. S.	TION COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.,		AUG 1 2 2019
Email:	304-684-1610	200	Facsimile	Morgantown, WV 26508	5	2000
Lillall.	brittany_woody@	gswn.com	Facsimile	304-884-1690		WV Department of Environmental Protection
Oil and Gas	Privacy Not	tice:				= iviorimental i iolectioi

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

entry Date of Noti	ce: 5/7/2019	Date of Plan	nned Entry: 5/14/2019			
Delivery me	thod pursuant	to West Virginia Co	ode § 22-6A-10a			
□ PERSO SERVIO		REGISTERED MAIL	☐ METHOD OF DEI RECEIPT OR SIGN		7	
on to the surf but no more to beneath such owner of min and Sediment Secretary, wh	ace tract to con- than forty-five of tract that has fi- erals underlying t Control Manualich statement si	duct any plat surveys lays prior to such ent led a declaration pur- g such tract in the co al and the statutes an	Prior to filing a permit appli is required pursuant to this a cry to: (1) The surface owner suant to section thirty-six, a unty tax records. The notice d rules related to oil and gat information, including the a e secretary.	rticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall be provided at le to any owner or lesse wenty-two of this coc atement that copies of production may be obt	east seven days e of coal seams de; and (3) any f the state Erosion tained from the
Notice is her	eby provided t	0;				
☐ SURFAC	CE OWNER(s)		□ COA	L OWNER OR LE	SSEE	
	and the same of th		Name:			
Address:			Address:			
Name:						
Address:			_ III MINI	ERAL OWNER(s)		
			Name: Sto		key, Trustees of Trust Agreement	
Name:			Address:	1 Bank Plaza		
Address:				26003 h additional forms if ne		
Pursuant to W	reby given: Vest Virginia Co on the tract of la West Virginia		otice is hereby given that the	ne undersigned well	l operator is planning	entry to conduct
County:	Marshall		Public Road	Access:	Greenfield Road	
District:	Liberty				Fish Creek/Upper Fish Cree	ek
Quadrangle:	Littleton		Generally use	d farm name:	Shawn Harlan	
Coning of the		cretary, at the WV D	Manual and the statutes an repartment of Environmenta of such documents or addit	ll Protection headquional information re	uarters, located at 601	57th Street, SE,
may be obtain Charleston, Wobtained from	VV 25304 (304 the Secretary b	by visiting www.dep.	.wv.gov/oil-and-gas/pages/o	Jeruaria Jya.		Office of Oil and Ga
may be obtain Charleston, Wobtained from Notice is he	VV 25304 (304 the Secretary by reby given by	y visiting <u>www.dep.</u>			0.0-104	Office of Oil and Ga
may be obtain Charleston, Wobtained from Notice is he Well Operato	VV 25304 (304) If the Secretary by reby given by r: SWN PRODUCT	by visiting www.dep.	.wv.gov/oil-and-gas/pages/o	1300 Fort Pierpont, Dr.,		Office of Oil and Ga
may be obtain Charleston, Wobtained from	VV 25304 (304 the Secretary by reby given by	oy visiting www.dep.				Office of Oil and Ga

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

	Requirement:	Notice shall be pro-	vided at least	SEVEN (7) day	ys but no more than	n FORTY-FIVE (4	15) days prior to
entry Date of Notic	e: 5/7/2019	Date of Pla	nned Entry:	5/14/2019	_		
Delivery met	hod pursuant	to West Virginia C	Code § 22-6A-	10a			
☐ PERSON	JAL 🔳	REGISTERED	□ мел	HOD OF DEL	IVERY THAT RE	EQUIRES A	
SERVIC		MAIL			ATURE CONFIR		
on to the surfa but no more the beneath such a owner of mine and Sediment Secretary, wh	ce tract to con nan forty-five of ract that has five rals underlyin Control Manu ich statement s	ode § 22-6A-10(a), duct any plat survey lays prior to such en led a declaration pug such tract in the coal and the statutes at hall include contact obtain copies from the declaration of the statutes are such as the su	ys required pur ntry to: (1) The resulant to section ounty tax recond rules relate information,	rsuant to this are surface owner on thirty-six, and on the notice of to oil and gas	ticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall be provided at to any owner or less wenty-two of this c atement that copies roduction may be o	least seven days see of coal seams ode; and (3) any of the state Erosion btained from the
Notice is here	by provided t	0:					
☐ SURFAC	E OWNER(s)			☐ COA	LOWNER OR LE	SSEE	
Name:			_	Name:			=
Address:				Address:			
Name:					- Table 1879		_
Address:					ERAL OWNER(s)		
Name:			-	Name: Sto	ia Stine 337 Adler Drive		-
Address:			-0	Deltona, FL 32			_
			=	*please attac	h additional forms if ne	cessary	
	est Virginia Con the tract of l West Virginia	ode § 22-6A-10(a), and as follows:			ude & Longitude:	Joperator is planning	ng entry to conduct
District:	-			Watershed:		Fish Creek/Upper Fish C	reek
Quadrangle:	Littleton			Generally use	d farm name:	Shawn Harlan	
may be obtain Charleston, W obtained from	ed from the Se V 25304 (304	nd Sediment Contro cretary, at the WV I -926-0450). Copies by visiting www.dep	Department of s of such docu	Environmenta ments or additi	l Protection headquonal information r	uarters, located at 6	01 57 th Street, SE, drilling may be RECEIVED
Well Operator		TION COMPANY, LLC		Address:	1300 Fort Pierpont, Dr.,	Suite 201	Office of Oil and Gas
Telephone:	304-884-1610				Morgantown, WV 26508		AUG 1 2 2019
Email:	brittany_woody@	gswn.com		Facsimile:	304-884-1690		
duties. Your j	Oil and Gas propersonal inform	ocesses your person nation may be discl	losed to other	State agencie	s or third parties i	n the normal cours	WV Department of Environmental Protection art of our regulatory se of business or as ts. 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.

Operator Well No. Shawn Harlan MSH

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

Notice Time entry Date of Notice		7,000,000	vided at least SEVEN (7) d	ays but no more tha	n FORTY-F	TVE (45) days	prior to
Delivery met	hod pursuant t	to West Virginia C	ode § 22-6A-10a				
☐ PERSON	Dies.	REGISTERED	☐ METHOD OF DE				
SERVIC	E	MAIL	RECEIPT OR SIG	NATURE CONFIR	MATION		
on to the surfa but no more to beneath such owner of min- and Sediment Secretary, wh	ace tract to cond han forty-five d tract that has fil erals underlying Control Manua ich statement sh	luct any plat survey, ays prior to such en- ed a declaration pur such tract in the co Il and the statutes an	Prior to filing a permit apples required pursuant to this a try to: (1) The surface ownersuant to section thirty-six, sounty tax records. The notion of rules related to oil and gainformation, including the secretary.	erticle. Such notice ser of such tract; (2) article six, chapter to shall include a state exploration and p	shall be prove to any owner wenty-two of atement that roduction ma	ided at least set or lessee of co f this code; and copies of the st ay be obtained	ven days val seams (3) any ate Erosion from the
Notice is here	eby provided to):					
☐ SURFAC	CE OWNER(s)		□ coA	L OWNER OR LE	SSEE		
Name:			Name:				
Address:			_ Address:				
Name:				Total San		-	
Address:			_ III MIN	ERAL OWNER(s)			
			Name: Ma	rlene Fay Wagmiller			
Name:			Address:	6624 Rene Drive NE			
Address:			Louisville, OF				
			*please atta	ch additional forms if neo	cessary		
Notice is her	rehy given						
		de 8 22-6A-10(a), n	otice is hereby given that the	ne undersioned well	operator is r	lanning entry i	to conduct
	on the tract of la		otice is hereby given mar ti	te undersigned wen	operator is p	naming chay	io conduct
State:	West Virginia		Approx. Lati	ude & Longitude:	39.733900, -80.	623393	
County:	Marshall		Public Road		Greenfield Road		
District:	Liberty		Watershed:		Fish Creek/Uppe	er Fish Creek	
Quadrangle:	Littleton		Generally use	ed farm name:	Shawn Harlan		
may be obtain Charleston, W	ed from the Sec V 25304 (304-	retary, at the WV D 926-0450). Copies	Manual and the statutes and epartment of Environments of such documents or addit .wv.gov/oil-and-gas/pages/	al Protection headquional information re	arters, locate	ed at 601 57 th S zontal drilling RECE	treet, SE, may be
Notice is her	eby given by:					Office of Oi	I and Gas
Well Operator		ON COMPANY, LLC	Address:	1300 Fort Diamont De	Suite 201		
Telephone:	304-884-1610	OH SOMEONI, LLO	71ddie55.	1300 Fort Pierpont, Dr.,	Suite 201	AUG 1	2 2019
Email:	brittany_woody@s	swn com	Facsimile:	Morgantown, WV 26508 304-884-1690		1100 -	
	- Juneary_woody@s	MILLOUIII	1 desimile.	0801-500-50		WV Depa	rtment of
	Privacy Notic		Il information, such as nam	a address and talan	haua uumba	Environment	al Protection

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

Time Dequi	rement: Notice shall be prov	ided at least SEVEN (7) days	but no more than l	FORTY-FIVE (45)	lays prior to	
notice Time Requi						
Date of Notice: 5/7/	Date of Plan	nned Entry: 5/14/2019	-			
Delivery method p	oursuant to West Virginia Co	ode § 22-6A-10a				
	■ REGISTERED	☐ METHOD OF DELIV	ERY THAT REC	UIRES A		
PERSONAL	MAIL	RECEIPT OR SIGNA	TURE CONFIRM	MATION		
SERVICE			: the energter s	hall provide notice of	f planned entry	
on to the surface tra but no more than for beneath such tract owner of minerals and Sediment Cont	act to conduct any plat survey, orty-five days prior to such en that has filed a declaration pur underlying such tract in the co	Prior to filing a permit applicat s required pursuant to this artic try to: (1) The surface owner or rsuant to section thirty-six, arti- punty tax records. The notice s and rules related to oil and gas e information, including the add the secretary.	of such tract; (2) to cle six, chapter two shall include a stat	any owner or lessee venty-two of this code tement that copies of to oduction may be obta	of coal seams e; and (3) any the state Erosion ined from the	
Notice is hereby p	provided to:					
☐ SURFACE O	WNER(s)		OWNER OR LES			
Name:		Name:				
Address:						
Name:		- III MINE	RAL OWNER(s)			
Address:		Name: Steph	nen E. Justman			
Name:		Address: 44	435 W. Hayward Place			
		Denver, CO 802	additional forms if nec	газеяту		
		· Dicase attach				
	La company				- 100 - 700	
		notice is hereby given that the			entry to conduct	
Notice is hereby	y given: Virginia Code § 22-6A-10(a),	notice is hereby given that the	undersigned well	operator is planning	entry to conduct	
Notice is hereby Pursuant to West a plat survey on the		Approx. Latitu	undersigned well	operator is planning	entry to conduct	20
Notice is hereby Pursuant to West a plat survey on tl State: We County: Mar	y given: Virginia Code § 22-6A-10(a), ne tract of land as follows: st Virginia	Approx. Latitu Public Road A	undersigned well	operator is planning		_
Notice is hereby Pursuant to West a plat survey on tl State: Wes County: Mar District: Libra	y given: Virginia Code § 22-6A-10(a), ne tract of land as follows: st Virginia rshall	Approx. Latitu Public Road A	undersigned well de & Longitude: ccess:	operator is planning 39.733900, -80.623393 Greenfield Road		
Notice is hereby Pursuant to West a plat survey on tl State: We County: Man District: Libe Quadrangle: Littl Copies of the stat may be obtained	y given: Virginia Code § 22-6A-10(a), ne tract of land as follows: st virginia rishall erty eton the Erosion and Sediment Contribution of the Secretary, at the WV	Approx. Latitu Public Road A Watershed:	e undersigned well ide & Longitude: .ccess: d farm name: d rules related to o l Protection headq onal information r	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harlan il and gas exploration marters, located at 60	and production 1 57 th Street, SE,	
Notice is hereby Pursuant to West a plat survey on th State: West County: Mar District: Libr Quadrangle: Littl Copies of the stat may be obtained Charleston, WV obtained from the	y given: Virginia Code § 22-6A-10(a), ne tract of land as follows: st virginia rishall erty eton e Erosion and Sediment Contr from the Secretary, at the WV 25304 (304-926-0450). Copic	Approx. Latitu Public Road A Watershed: Generally used rol Manual and the statutes and Department of Environmental es of such documents or additi	e undersigned well de & Longitude: ccess: d farm name: d rules related to o l Protection headq onal information r lefault.aspx.	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harlan il and gas exploration uarters, located at 60 related to horizontal d	and production 1 57 th Street, SE, frilling may be RECEIV Office of Oil a	and Gas
Notice is hereby Pursuant to West a plat survey on tl State: We County: Man District: Libe Quadrangle: Littl Copies of the stat may be obtained Charleston, WV obtained from the	y given: Virginia Code § 22-6A-10(a), ne tract of land as follows: st virginia rishall erty eton e Erosion and Sediment Contr from the Secretary, at the WV 25304 (304-926-0450). Copi e Secretary by visiting www.d	Approx. Latitu Public Road A Watershed: Generally used rol Manual and the statutes and Department of Environmental es of such documents or additi	e undersigned well ide & Longitude: .ccess: d farm name: d rules related to o l Protection headq onal information r	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harlan il and gas exploration uarters, located at 60 related to horizontal d	and production 1 57 th Street, SE, frilling may be RECEIV	and Gas
Notice is hereby Pursuant to West a plat survey on th State: County: Mar District: Quadrangle: Littl Copies of the stat may be obtained Charleston, WV obtained from the	y given: Virginia Code § 22-6A-10(a), ne tract of land as follows: st virginia rishall erty eton e Erosion and Sediment Contr from the Secretary, at the WV 25304 (304-926-0450). Copic	Approx. Latitu Public Road A Watershed: Generally used rol Manual and the statutes and Department of Environmental es of such documents or additi ep.wv.gov/oil-and-gas/pages/d	e undersigned well de & Longitude: ccess: d farm name: d rules related to o l Protection headq onal information r lefault.aspx.	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harlan il and gas exploration uarters, located at 60 related to horizontal d	and production 1 57 th Street, SE, frilling may be RECEIV Office of Oil a	2019

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

MAIL ginia Code § 22-6A-10(a), Prior to conduct any plat surveys rec y-five days prior to such entry t t has filed a declaration pursuan derlying such tract in the county	METHOD OF DELIVERY THAT RECEIPT OR SIGNATURE CONFIDER to filing a permit application, the operator quired pursuant to this article. Such notice to: (1) The surface owner of such tract; (2) and to section thirty-six, article six, chapter in the surface owner of such tract; (2) and the surface owner of such tract; (2) and the surface owner of such tract; (3) article six, chapter in the surface owner of such tract; (4) article six, chapter in the surface owner of such tract; (5) article six, chapter in the surface owner of such tracts.	RMATION r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams
MAIL ginia Code § 22-6A-10(a), Prior to conduct any plat surveys rec y-five days prior to such entry t t has filed a declaration pursuan derlying such tract in the county	RECEIPT OR SIGNATURE CONFID to filing a permit application, the operato quired pursuant to this article. Such notice to: (1) The surface owner of such tract; (2) to to section thirty-six, article six, chapter	RMATION r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams
MAIL ginia Code § 22-6A-10(a), Prior to conduct any plat surveys rec y-five days prior to such entry t t has filed a declaration pursuan derlying such tract in the county	RECEIPT OR SIGNATURE CONFID to filing a permit application, the operato quired pursuant to this article. Such notice to: (1) The surface owner of such tract; (2) to to section thirty-six, article six, chapter	RMATION r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams
to conduct any plat surveys rec y-five days prior to such entry t t has filed a declaration pursuan derlying such tract in the county	quired pursuant to this article. Such notice to: (1) The surface owner of such tract; (2) at to section thirty-six, article six, chapter to	shall be provided at least seven days to any owner or lessee of coal seams
ment shall include contact info ner to obtain copies from the se	iles related to oil and gas exploration and promation, including the address for a web p	tatement that copies of the state Erosion production may be obtained from the
vided to:		
TER(s)	☐ COAL OWNER OR LE	ESSEE
	Address:	
	-	
	MINERAL OWNER(s)	
	Name: Toni Jo Mason Living Trust	
	Address: PO Box 18314	
		CATCOD!
inia Code § 22-6A-10(a), notice act of land as follows: nia	Approx. Latitude & Longitude: Public Road Access:	
	Generally used farm name:	Shawn Harlan
	act of land as follows:	NER(s) COAL OWNER OR LE Name: Address: MINERAL OWNER(s) Name: Toni Jo Mason Living Trust Address: PO Box 18314 Tallahassee, FL 32318 *please attach additional forms if ne ven: tinia Code § 22-6A-10(a), notice is hereby given that the undersigned well act of land as follows: Approx. Latitude & Longitude: Public Road Access:

Operator Well No. Shawn Harlan MSH

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

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

	e: 5/7/2019	Date of Plan	nned Entry: 5/14/2019			
Delivery met	hod pursuant t	to West Virginia Co	ode § 22-6A-10a			
				I DEDM THAT D	POLITICE A	
☐ PERSON		REGISTERED	☐ METHOD OF DE			
SERVIC	Е	MAIL	RECEIPT OR SIG	NATURE CONFIL	CMATION	
on to the surfa- but no more the beneath such to owner of mine and Sediment Secretary, who	ace tract to cond nan forty-five de tract that has fil- erals underlying Control Manua ich statement sh	duct any plat surveys ays prior to such ent ed a declaration pur g such tract in the co all and the statutes an	Prior to filing a permit applished required pursuant to this a try to: (1) The surface ownersuant to section thirty-six, abounty tax records. The notice of rules related to oil and gainformation, including the are secretary.	article. Such notice er of such tract; (2) article six, chapter to ce shall include a st as exploration and p	shall be provided at le to any owner or lessed twenty-two of this cod atement that copies of production may be obta	east seven days of coal seams le; and (3) any the state Erosion ained from the
lotice is here	by provided to):				
☐ SURFAC	E OWNER(s)		☐ COA	L OWNER OR LE	ESSEE	
ddress:			Address:			
Jame:						
			■ MIN	ERAL OWNER(s)		
			Name: Ka			
lame:			- Address:	361 Lin Mar Terrace		
ddress:				15001 ch additional forms if no		
	eby given:					
otice is her	est Virginia Co	de § 22-6A-10(a), n	otice is hereby given that the	ne undersigned wel	l operator is planning	entry to conduct
ursuant to W						
ursuant to W plat survey o	on the tract of la		Annew Loth	tudo Pr I anaituda.	20 722000 90 622202	
ursuant to W plat survey c tate:	on the tract of la West Virginia			tude & Longitude:	The second secon	
ursuant to W plat survey o tate: ounty:	on the tract of la West Virginia Marshall		Public Road		Greenfield Road	
ursuant to W	on the tract of la West Virginia				The second secon	
ursuant to W plat survey of tate: County: District: Quadrangle: Copies of the s may be obtain Charleston, W	on the tract of la West Virginia Marshall Liberty Littleton state Erosion an ed from the Sec V 25304 (304-)	and as follows: and Sediment Control cretary, at the WV D 926-0450). Copies	Public Road . Watershed:	Access: ed farm name: id rules related to o al Protection headq tional information r	Greenfield Road Fish Creek/Upper Fish Creek Shawn Harlan il and gas exploration uarters, located at 601 related to horizontal dr	and production 57 th Street, SE, illing may be BECEIVED
ursuant to W plat survey of tate: County: District: Quadrangle: Copies of the s nay be obtain Charleston, W btained from	on the tract of la West Virginia Marshall Liberty Littleton state Erosion an ed from the Sec V 25304 (304- the Secretary by	ad Sediment Control cretary, at the WV D 926-0450). Copies y visiting www.dep.	Public Road . Watershed: Generally use Manual and the statutes an Department of Environmenta of such documents or addit	Access: ed farm name: id rules related to o al Protection headq tional information r	Greenfield Road Fish Creek/Upper Fish Creek Shawn Harlan il and gas exploration uarters, located at 601 related to horizontal dr	and production 57th Street, SE, illing may be
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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	ided at	least SEVEN (7) da	ays but no more tha	n FORTY-	FIVE (45) days prior to
entry Date of Noti	ce: 5/7/2019	Date of Pla	nned E	ntry: 5/14/2019			
Delivery me	thod pursuant	to West Virginia C	ode § 2	2-6A-10a			
☐ PERSO	NAL =	REGISTERED		METHOD OF DE	LIVERY THAT RI	EOUIRES A	
SERVIC		MAIL		RECEIPT OR SIG			
on to the suri but no more beneath such owner of min and Sedimen Secretary, wh enable the su	face tract to con than forty-five tract that has f nerals underlyin t Control Manu- nich statement of rface owner to	duct any plat survey days prior to such en- iled a declaration pur- ing such tract in the co- tal and the statutes and shall include contact obtain copies from the	s requir try to: (suant to unty ta: d rules informa	ed pursuant to this at 1) The surface owner section thirty-six, a crecords. The notice related to oil and gation, including the a	article. Such notice er of such tract; (2) article six, chapter to be shall include a st as exploration and p	shall be prove to any owner wenty-two of atement that production m	de notice of planned entry vided at least seven days or or lessee of coal seams of this code; and (3) any copies of the state Erosion hay be obtained from the ecretary's web site, to
	eby provided			-			
	CE OWNER(s)				L OWNER OR LE		
Name:			3	Name:			
Address:				Address:			
Name:				■ MN	ERAL OWNER(s)		
				Namar	bert W. Cubbana		
Name:			-	Address:	bert W. Cubbage 804 Fawn Valley Dr.		
Address:				Allen, TX 750	02		
			-	*please attac	ch additional forms if ne	cessary	
a plat survey State: County:	Vest Virginia C on the tract of I West Virginia Marshall	ode § 22-6A-10(a), n land as follows:		Approx. Latin	tude & Longitude:	39,733900, -80 Greenfield Roa	d
District:						-	per Fish Creek
Quadrangle:	Littleton		_	_ Generally use	ed farm name:	Shawn Harlan	
may be obtain Charleston, W obtained from	ned from the Se VV 25304 (304	cretary, at the WV D 4-926-0450). Copies by visiting <u>www.dep</u>	epartmo	ent of Environmenta documents or addit	al Protection headquional information r	uarters, loca	ploration and production ted at 601 57 th Street, SE, fizontal drilling may be RECEIVED Office of Oil and Gas
Well Operato		TION COMPANY, LLC		Address:	1300 Fort Pierpont, Dr.,	Suite 201	ALIC TO SOL
Telephone:	304-884-1610				Morgantown, WV 26508		AUG 1 2 2019
Email:	brittany_woody@	2swn.com		Facsimile:	304-884-1690		14045
201 V 6.5							WV Department of Environmental Protection
Oil and Gas	Privacy Not	ice:					Totection

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

		e Time Re	quirement:	Notice shall be prov	vided a	t least SEVEN (7) da	ys but no more tha	n FORTY-F	VE (45) days prior to
PERSONAL REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner of least article; (2) to any owner of least article; (2) to any owner of least article; (2) to any owner of least tract; (2) tractice of least tractice and least tractice any owner o		of Notice:	5/7/2019	Date of Plan	nned E	Entry: 5/14/2019			
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 entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s)	Delive	ery method	l pursuant	to West Virginia C	ode § 2	22-6A-10a			
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on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) SURFACE OWNER(s) Name: Address: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: County: Marnhall Approx. Latitude & Longitude: Sunverlended									
SURFACE OWNER(s) Name: Address: Name: Address: Address: Name: Address: Addr	on to to but no benear owner and Secret enable	the surface o more than th such trace of mineral ediment Co tary, which e the surface	tract to cond forty-five d to that has fill s underlying ntrol Manua statement sle e 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	s requi try to: rsuant to ounty tand rules inform	red pursuant to this as (1) The surface owner to section thirty-six, as ax records. The notice are related to oil and gast ation, including the a	rticle. Such notice : r of such tract; (2) rticle six, chapter t e shall include a st s exploration and p	shall be provi to any owner wenty-two of atement that o production ma	ded at least seven days or lessee of coal seams this code; and (3) any copies of the state Erosion by be obtained from the
Name:									
Address: Mineral Owners									
Name:					-	Name:			
Name: Address: MINERAL OWNER(s)	Addre	ess:				Address:			
Name: Clifford Cubbage Name: Clifford Cubbage Address: 351 Chapstral Rd, Apt. 1105 Allen, TX75022 **please attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: County: Marshall Public Road Access: Greenfield Road District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harian Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling option 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 Plerpont, Dr., Suite 201 Morgantown, WV 28508	Name						W. T 3		
Name: Clifford Cubbage Address: 351 Chaparral Rd, Apt. 1105 Allen, TX 75022 *please attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.733900, -80.623393 County: Marshall Public Road Access: Greenfield Road District: Liberty Watershed: Fish Creek/Upper Fish Creek Quadrangle: Littleton Generally used farm name: Shawn Harlan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling optyles 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 Plerpont, Dr., Suite 201 Morgantown, WV 28508	Addre	ss:							
*Address: **Please attach additional forms if necessary **Please attach additional forms if necessary **Polease attach addi					_	Name: Clif	ford Cubbage		
*Address: **Please attach additional forms if necessary **Please attach additional forms if necessary **Polease attach addi	Name				-			05	
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: Public Road Access: Greenfield Road District: Liberty Watershed: Generally used farm name: Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling opty be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont, Dr., Suite 201 Morgantown, WV 28508	Addre	ss:			-				
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	may b Charle obtain Notic Well (e obtained eston, WV ed from the e is hereb Operator:	from the Sec 25304 (304 e Secretary by given by SWN PRODUCT	cretary, at the WV II. -926-0450). Copies by visiting <u>www.dep</u>	Departr of suc	nent of Environmenta h documents or addit ov/oil-and-gas/pages/o	Il Protection headq ional information r default.aspx. 1300 Fort Pierpont, Dr.,	uarters, locate related to hori	ad at 601 57th Street, SE, zontal drilling or Oil and Gas AUG 12 2019
)swn.com		Facsimile:	1077711777		Environment of
				,			20000000		- Trotection - Trotection

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 SE	EVEN (7) da	ys but no more tha	n FORTY-FIV	E (45) days prior to
entry Date of Notice	ce: 5/7/2019	Date of Pla	nned Entry: 5/1	4/2019			
Delivery met	hod pursuant	to West Virginia C	ode § 22-6A-10	a			
☐ PERSO	NIAT III	REGISTERED	П метн	OD OF DEI	IVERY THAT RI	EOURES A	
SERVIC		MAIL			NATURE CONFIR		
on to the surf but no more t beneath such owner of min and Sediment Secretary, wh	ace tract to con- han forty-five of tract that has fi erals underlying Control Manu- ich statement s	duct any plat survey lays prior to such en led a declaration pur g such tract in the co	s required pursu try to: (1) The s suant to section ounty tax record ad rules related to information, income	ant to this a urface owne thirty-six, a s. The notic to oil and ga	rticle. Such notice r of such tract; (2) rticle six, chapter t e shall include a st s exploration and p	shall be provide to any owner or wenty-two of th atement that cop production may be	otice of planned entry d at least seven days lessee of coal seams is code; and (3) any ones of the state Erosion be obtained from the entary's web site, to
Notice is her	eby provided t	0:					
☐ SURFAC	CE OWNER(s)			□ соа	L OWNER OR LE	SSEE	
Name:				Name:	1940 2-14 01001		
Address:			-	Address:			
Name:							
Address:			-		ERAL OWNER(s)		
Nomas			+3	Name: Ch	esnut Holdings, Inc.		
Address:			7	Address: Fairmont, WV			
riddress					h additional forms if ne	ecessary	
a plat survey State: County: District:	Vest Virginia Coon the tract of lawest Virginia Marshall Liberty		A P	pprox. Latit ublic Road A Vatershed:	ude & Longitude:	39.733900, -80.623	nning entry to conduct
may be obtain Charleston, W	red from the Se V 25304 (304	cretary, at the WV D	Department of E of such docume	nvironmenta ents or addit	l Protection headqional information r	uarters, located	ration and production at 601 57 th Street, SE, ntal drilling may be
	reby given by			Address:		0.45.004	RECEIVED Office of Oil and Gas AUG 1 2 2019
Well Operator Telephone:	304-884-1610	TON COMPANY, LLC		Address:	1300 Fort Pierpont, Dr., Morgantown, WV 26508		ALIC TO
Email:	brittany_woody@	gswn.com		Facsimile:	304-884-1690		AUG 1 2 2019
duties. Your preeded to co	personal inform mply with sta	nation may be disclo tutory or regulatory	osed to other S requirements,	tate agencie including	s or third parties i Freedom of Infor	n the normal comation Act req	WV Department of Environmental Profession of Sur regulatorytion ourse of business or as uests. Our office will rmation, 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 ENTRY FOR PLAT SURVEY

Date of No	tice: 5/7/2019	Date of Pla	nned Entry: 5/14/2019	-		
Delivery m	ethod pursuant	to West Virginia C	ode § 22-6A-10a			
☐ PERS	ONAL 🔳	REGISTERED	☐ METHOD OF DE	ELIVERY THAT R	EQUIRES A	1
SERV	ICE	MAIL		NATURE CONFI		7
but no more beneath suc owner of mi and Sedimer Secretary, we enable the suc Notice is he	rface tract to cone than forty-five d h tract that has fil inerals underlying nt Control Manua hich statement sl urface owner to co reby provided to ACE OWNER(s)	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 btain copies from the	s required pursuant to this try to: (1) The surface own suant to section thirty-six, unty tax records. The not id rules related to oil and g information, including the e secretary. COA Name:	article. Such notice ter of such tract; (2) article six, chapter ice shall include a s as exploration and	shall be pro to any own twenty-two tatement that production n page on the S	er or lessee of coal seams of this code; and (3) any t copies of the state Erosion hay be obtained from the decretary's web site, to
Address:			■ MIN	ERAL OWNER(s)		
			Name: D	eborah A. Collins		
Name:			Address	1219 McDonald St.		
Address:			Mount Dora,	FL 32757		
Pursuant to V a plat survey	ereby given: West Virginia Co on the tract of la	de § 22-6A-10(a), no nd as follows:			l operator is	planning entry to conduct
State:	West Virginia			tude & Longitude:	39.733900, -80	0.623393
County:	Marshall		Public Road	Access:	Greenfield Roa	d
District:	Liberty		Watershed:		Fish Creek/Upp	per Fish Creek
Quadrangle:	Littleton		Generally use	ed farm name:	Shawn Harlan	
may be obtain Charleston, Vobtained from	VV 25304 (304-)	retary, at the WV De 926-0450). Copies of	Manual and the statutes an epartment of Environments of such documents or addit wv.gov/oil-and-gas/pages/	al Protection headquional information r	narters locat	red at 601 57th Street SE
	reby given by:					Office of Oil and Gas
Well Operato		ON COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.,	Suite 201	on and Gas
Telephone:	304-884-1610			Morgantown, WV 26508		AUG 1 2 2019
Email:	brittany_woody@s	wn.com	Facsimile:	304-884-1690		1190 1 2 2019
The Office of	Privacy Notice Oil and Gas pro-	cesses your personal	information, such as named to other State agencie	e, address and telep	hone numbe	WV Department of Environmental Protection r, as part of our regulator

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.

Operator Well No. Shawn Harlan 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) da	ays but no more tha	an FORTY-FIVE (45) days prior to
entry Date of Noti	ce 5/7/2019	Date of Pla	nned Entry: 5/14/2019			
Date of Field		Bate of Fian	inica bucty.			
Delivery me	thod pursuant	to West Virginia C	ode § 22-6A-10a			
☐ PERSO	NAL 🔳	REGISTERED	☐ METHOD OF DE	LIVERY THAT R	EOUIRES A	
SERVIC		MAIL	RECEIPT OR SIG			
on to the surf but no more to beneath such owner of min and Sediment Secretary, whenable the sur-	ace tract to con han forty-five of tract that has fi erals underlying Control Manu- lich statement sufface owner to co	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	Prior to filing a permit applish required pursuant to this a stry to: (1) The surface owners to: (1) The notion of the surface of the s	rticle. Such notice or of such tract; (2) article six, chapter of the shall include a st as exploration and p	shall be provided at let of any owner or lesse twenty-two of this contatement that copies of oroduction may be obtained.	east seven days e of coal seams le; and (3) any f the state Erosion rained from the
Notice is her	eby provided t	0:				
☐ SURFAC	CE OWNER(s)		☐ COA	L OWNER OR LE	ESSEE	
Name:			Name:			RECEIVED
Address:			Address:		Office of Oil and Gas	
Name:			1			AUG 1 2 2019
Address:			■ MIN	ERAL OWNER(s)		AUG 1 2 2019
			Name: Car	rolyn Ramirez		MANAGE
Name:			- Address:\	253 Muirifield Dr		WV Department of
Address:						Environmental Protection
	17.5-7		- *piease attac	h additional forms if ne	ecessary	
Notice is he	raby givan					
Notice is he Pursuant to Wa a plat survey	reby given: 'est Virginia Co on the tract of la	de § 22-6A-10(a), n and as follows:	otice is hereby given that th	e undersigned wel	l operator is planning	entry to conduct
Pursuant to Was a plat survey of State:	est Virginia Co	ide § 22-6A-10(a), n and as follows:		e undersigned wel	l operator is planning 39.733900, -80.623393	entry to conduct
Pursuant to Wa plat survey of State: County:	est Virginia Co on the tract of la West Virginia Marshall	and as follows:	Approx. Latit	ude & Longitude:		entry to conduct
Pursuant to Wa plat survey of State: County: District:	est Virginia Co on the tract of la West Virginia Marshall	ode § 22-6A-10(a), nand as follows:	Approx. Latit Public Road A Watershed:	ude & Longitude: Access:	39.733900, -80.623393	
Pursuant to Wa plat survey of State: County: District:	est Virginia Co on the tract of la West Virginia Marshall Liberty	and as follows:	Approx. Latit Public Road A Watershed:	ude & Longitude: Access:	39,733900, -80.623393 Greenfield Road	
Pursuant to Wa plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, Wobtained from Notice is her Well Operator	Vest Virginia Coon the tract of la West Virginia Marshall Liberty Littleton state Erosion are d from the Sec V 25304 (304-the Secretary by SWN PRODUCTION To the Secretary by SWN PRODUCTIO	and as follows: and Sediment Control cretary, at the WV D. 1926-0450). Copies by visiting www.dep.	Approx. Latit Public Road A Watershed:	ude & Longitude: Access: d farm name: d rules related to o l Protection headquional information rulefault.aspx.	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harlan il and gas exploration uarters, located at 601 elated to horizontal dr	and production
Pursuant to Wa plat survey of State: County: District: Quadrangle: Copies of the may be obtain Charleston, Wobtained from	Vest Virginia Coon the tract of la West Virginia Marshall Liberty Littleton state Erosion ar ed from the Sec V 25304 (304- the Secretary by	and as follows: and Sediment Control cretary, at the WV D 926-0450). Copies by visiting www.dep.	Approx. Latit Public Road A Watershed: Generally use Manual and the statutes and epartment of Environmenta of such documents or additional and egas/pages/o	ude & Longitude: Access: d farm name: d rules related to of l Protection headque information related to related to other the section of the s	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cree Shawn Harlan il and gas exploration uarters, located at 601 elated to horizontal dr	and production

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	vided at least	SEVEN (7) da	ays but no more tha	in FORTY-FIVE	(45) days prior to
Date of Notice	e: 5/7/2019	Date of Plan	nned Entry:	5/14/2019			
Delivery met	hod pursuant	to West Virginia C	ode 8 22-6A-	-10a			
☐ PERSO		REGISTERED			LIVERY THAT RI		
SERVIC	E	MAIL	REC	EIPT OR SIG	NATURE CONFIF	RMATION	
on to the surfa but no more the beneath such owner of mine and Sediment Secretary, wh	ace tract to cond nan forty-five d tract that has file erals underlying Control Manua ich statement sh	luct any plat survey: ays prior to such end ed a declaration pur	s required put try to: (1) The suant to section ounty tax recond rules relate information,	rsuant to this a e surface owner on thirty-six, a ords. The notice d to oil and ga	article. Such notice er of such tract; (2) article six, chapter to be shall include a st as exploration and p	shall be provided a to any owner or le twenty-two of this atement that copies production may be	ssee of coal seams code; and (3) any s of the state Erosion obtained from the
Notice is here	eby provided to	:					
☐ SURFAC	E OWNER(s)			☐ COA	L OWNER OR LE	ESSEE	
Address:			2	Address:			
Name:			-01	-			-
Address:				I MIN	ERAL OWNER(s)		
			24		vard E. Burge, Sara L. Burge, Stephen		rge
Name:	-				Rd #3, Box 33		
Address:			-	Cameron, W			_
1-0/201				-prease attac	ch additional forms if ne	ecessary	
	est Virginia Co on the tract of la				ne undersigned wel		ng entry to conduct
County:	Manhall			Public Road		Greenfield Road	
District:				Watershed:		Fish Creek/Upper Fish (Creek
Quadrangle:				Generally use	ed farm name:	Shawn Harlan	
nay be obtain Charleston, W	ed from the Sec V 25304 (304-	d Sediment Control retary, at the WV D 926-0450). Copies y visiting <u>www.dep.</u>	epartment of of such docu	Environmenta ments or addit	al Protection headquional information r	uarters, located at 6	601 57 th Street, SE, I drilling may be
Notice is her	eby given by:						RECEIVED Office of Oil and G AUG 1 2 2019
Well Operator		ON COMPANY, LLC		Address:	1300 Fort Pierpont, Dr.,	Suite 201	and G
Telephone:	304-884-1610	0,1 00,111 7 1111, 220		, , , , , , , , , , , , , , , , , , , ,	Morgantown, WV 26508		AUG 10 00
Email:	brittany_woody@s	swn.com		Facsimile:	304-884-1690		2019
	Privacy Notic	ce: cesses your persona	al information	n, such as name	e. address and teler	phone number, as n	WV Department of Environmental Protection part of our regulatory

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 ENTRY FOR PLAT SURVEY

Notice Time entry Date of Notic			nned Entry: 5/14/2019) days but no more th	ian FORTY-FIV	Æ (45) days p	rior to
Delivery met	hod pursuant i	to West Virginia C	ode § 22-6A-10a				
☐ PERSON SERVICE		REGISTERED MAIL		DELIVERY THAT R			
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, when able the sur	ace tract to conc han forty-five d tract that has fil erals underlying Control Manua ich statement sh face owner to o	duct any plat surveys ays prior to such enti- led a declaration pur- g such tract in the co- al and the statutes an hall include contact in obtain copies from the	Prior to filing a permit aps required pursuant to the try to: (1) The surface of suant to section thirty-signify tax records. The new drules related to oil and information, including the secretary.	is article. Such notice wher of such tract; (2) x, article six, chapter otice shall include a s gas exploration and	e shall be provide) to any owner of twenty-two of the statement that co production may	ed at least seve r lessee of coal his code; and (i pies of the stat be obtained fro	n days seams 3) any e Erosion om the
	eby provided to CE OWNER(s)		По	OAL OWNER OR L	EGGEE		
Name:	4		Name:	-			
Address:			Addre	ss:			
Name:	-1-						
Address:			■ M	INERAL OWNER(s)		
			Name:	Carla J. Watkins aka Carla D		vell	
Name:			Addres	S: 370 Manor Drive			
Address:	-1-		Lexington	. NC 27295			
			*please	attach additional forms if n	necessary		
	est Virginia Co		otice is hereby given tha	t the undersigned we	ell operator is pla	nning entry to	conduct
	on the tract of la	and as follows:					
State:	West Virginia			atitude & Longitude:		3393	
County:				32.000.0000	Greenfield Road		
District:						Fish Creek	
Quadrangle:	Littleton		Generally	used farm name:	Shawn Harlan		
may be obtain Charleston, W obtained from	ed from the Sec V 25304 (304- the Secretary b	cretary, at the WV D 1926-0450). Copies by visiting <u>www.dep.</u>	Manual and the statutes epartment of Environme of such documents or active wv.gov/oil-and-gas/pag	ental Protection head ditional information	quarters, located	at 601 57 th Strontal drilling ma	eet, SE,
	eby given by:		4 13	785.44.7.44.44.44		3,010	n unu Gas
	SWN PRODUCTI	ION COMPANY, LLC	Address			AllG 1	2 2019
Telephone:	304-884-1610		Paret of	Morgantown, WV 2650	08	AUU I	# ZUI9
Email:	brittany_woody@s	swn.com	Facsimi	e: 304-884-1690		144.5	
	Privacy Notic		l information, such as n	ame, address and tele	phone number	WV Depa Environmenta	al Protection

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 ENTRY FOR PLAT SURVEY

Date of Notic	ce: 5/7/2019 Date of Pl	lanned Entry: 5/14/2019	-		
Delivery met	hod pursuant to West Virginia	Code § 22-6A-10a			
☐ PERSO	NAL REGISTERED	☐ METHOD OF DE	LIVERY THAT R	EQUIRES A	
SERVIC	E MAIL	RECEIPT OR SIG			
on to the surficture on the content of the comment of min and Sediment Secretary, when able the surficture of the content of the surficture of the surficure of the surficture of the surficture of the surficture	Vest Virginia Code § 22-6A-10(a), ace tract to conduct any plat surve han forty-five days prior to such e tract that has filed a declaration perals underlying such tract in the Control Manual and the statutes a ich statement shall include contact face owner to obtain copies from	eys required pursuant to this a entry to: (1) The surface owner ursuant to section thirty-six, a county tax records. The notic and rules related to oil and ga et information, including the a	rticle. Such notice r of such tract; (2) rticle six, chapter t e shall include a st s exploration and p	shall be provided at to any owner or less twenty-two of this co atement that copies production may be o	least seven days see of coal seams ode; and (3) any of the state Erosion obtained from the
	eby provided to:				
	CE OWNER(s)		L OWNER OR LE		
Name:		Name:			-
Address:		Address:			_
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Address:		_ MINI	ERAL OWNER(s)		
Ioma:		Name: Name			_
ddress-		Address: Medina, OH 4	775 Spencer Lake Road		<u>-</u>
			h additional forms if ne	cessarv	- ×
ursuant to W plat survey of tate:	reby given: lest Virginia Code § 22-6A-10(a), on the tract of land as follows: West Virginia	Approx. Latit	ude & Longitude:	operator is plannin	g entry to conduct
county:	Marshall		Access:	Greenfield Road	
istrict:	Liberty			Fish Creek/Upper Fish Cr	eek
uadrangle:	Littleton	Generally use	d farm name:	Shawn Harlan	
nay be obtain Charleston, W btained from Notice is her	state Erosion and Sediment Control ed from the Secretary, at the WV V 25304 (304-926-0450). Copie the Secretary by visiting www.de	Department of Environmenta s of such documents or addit	l Protection headquonal information r	uarters, located at 60	01 57th Street, SE,
Vell Operator	SWN PRODUCTION COMPANY, LLC	Address:	1300 Fort Pierpont, Dr.,	Suite 201	
elephone:	304-884-1610		Morgantown, WV 26508		AUG 1 2 2019
mail:	brittany_woody@swn.com	Facsimile:	304-884-1690		
					WV Department of

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 ENTRY FOR PLAT SURVEY

	e Requirement:	Notice shall be prov	vided at	least SEVEN (7) da	ys but no more tha	an FORTY-FIVE	(45) days prior	to	
entry Date of Not	ice: 5/7/2019	Date of Plan	nned Er	ntry: 5/14/2019					
Delivery me	ethod pursuant	to West Virginia C	ode § 22	2-6A-10a					
☐ PERSO	NIAI III	REGISTERED	П	METHOD OF DEI	IVERY THAT R	FOURES A			
SERVI		MAIL		RECEIPT OR SIGN					
Pursuant to on to the sur but no more beneath such owner of mi and Sedimer Secretary, we enable the sur Notice is he SURFA Name: Address: Name: Address:	West Virginia C face tract to con than forty-five on tract that has finerals underlyin at Control Manu- hich statement surface owner to the control Manu- hich statement surface owner to con- treby provided to CE OWNER(s)	ode § 22-6A-10(a), I duct any plat survey days prior to such en led a declaration pur g such tract in the coal and the statutes and the statutes are thall include contact obtain copies from the co:	Prior to serious requirements to serious to summer to summer to summer to summer to summer to summer to serious to seriou	filing a permit applied pursuant to this a lead pursuant to this a lead pursuant to this a lead pursuant to this a section thirty-six, a records. The notice related to oil and gation, including the a lead pursuant. COA Name: Address:	cation, the operatorticle. Such notice r of such tract; (2) rticle six, chapter e shall include a s exploration and didress for a web p	or shall provide notice shall be provided a to any owner or letwenty-two of this tatement that copie production may be page on the Secretary	at least seven d ssee of coal secode; and (3) a s of the state E obtained from ry's web site, t	ays ams any rosio the	
Name:			- ((2 Table 2 Table 3 Ta	217 S. 17th St				
Address			3	Wilmington, N	h additional forms if n	ecessary	_		
Pursuant to	on the tract of I West Virginia Marshall Liberty	ode § 22-6A-10(a), r and as follows:		Approx. Latit	ude & Longitude: Access:			nduci	
may be obtain Charleston, obtained from	ined from the Se WV 25304 (304 in the Secretary) ereby given by	TION COMPANY, LLC	Departme of such	ent of Environmenta documents or addit	l Protection headcional information	quarters, located at related to horizonta ., Suite 201	601 57 th Street, Il drilling may	, SE, be CEIV Oil a	ED and Gas
Lillall.	brittany_woody@	yswn.com		i acsimile:	3U4-D04-1D3U		WV Dep	artm	ont of
	s Privacy Not f Oil and Gas pr	ice: ocesses your person	al inform	nation, such as nam	e, address and tele	phone number, as p	Environmer	ntal F	rotection

Operator Well No. Shawn Harlan MSH

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

entry	e Requiremen	t: Notice shall be prov	vided at least SEVEN (7) da	ays but no more tha	n FORTY-FIVE (4	5) days prior to
	tice: 5/7/2019	Date of Pla	nned Entry: 5/14/2019			
Delivery m	ethod pursuan	t to West Virginia C	ode § 22-6A-10a			
☐ PERSO	ONAL E	REGISTERED	☐ METHOD OF DE	LIVERY THAT RE	EOUIRES A	
SERV		MAIL	RECEIPT OR SIG			
on to the sur but no more beneath suc owner of mi and Sedime Secretary, we enable the s	rface tract to co than forty-five h tract that has inerals underlyi nt Control Man which statement urface owner to	nduct any plat survey days prior to such en- filed a declaration pur- ng such tract in the co- ual and the statutes an shall include contact obtain copies from the	Prior to filing a permit appli is required pursuant to this a try to: (1) The surface ownersuant to section thirty-six, a nunty tax records. The notice and rules related to oil and gas information, including the a ne secretary.	rticle. Such notice ser of such tract; (2) article six, chapter to shall include a state exploration and p	shall be provided at to any owner or less wenty-two of this co atement that copies roduction may be o	least seven days see of coal seams ode; and (3) any of the state Erosion btained from the
	reby provided					
	CE OWNER(s			L OWNER OR LE		
Name:			Name:			_
Address: _			_ Address:			-
Name:			20 12 11			÷ [1
Address: _			_ MIN	ERAL OWNER(s)		
Managa			Name: Jo			-
Address:			Address: Jacksonville,	4 Foxboro Circle		-
Address			*please attac	ch additional forms if ne	cessary	-
Pursuant to a plat survey State: County: District: Quadrangle: Copies of th	west Virginia Marshall Liberty Littleton e state Erosion	land as follows:	Public Road a Watershed: Generally use Manual and the statutes an	aude & Longitude: Access: ed farm name: d rules related to oi	39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Cr Shawn Harlan I and gas exploration	eek n and production
may be obta Charleston, obtained fro	ined from the S WV 25304 (30 m the Secretary ereby given b	ecretary, at the WV D 4-926-0450). Copies by visiting <u>www.dep</u>	Department of Environments of such documents or addit .wv.gov/oil-and-gas/pages/o Address:	al Protection headquional information re	uarters, located at 60 elated to horizontal Office	1 57th Street, SE,
	OI. SWN PRODU			, soo , on , respond Dis,	AC.	U 1 2 2019
Well Operat	304-884-1610			Morgantown, WV 26508		
		@swn.com	Facsimile:	Morgantown, WV 26508 304-884-1690		Department of

WW-6A3 (1/12)

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

Notice Time entry	Requirement:	Notice shall be prov	vided at least SEVEN (7) day	s but no more tha	n FORTY-FI	VE (45) days prior to
Date of Notic	e: 5/7/2019	Date of Plan	nned Entry: 5/14/2019	_			
Delivery met	hod pursuant	to West Virginia C	ode § 22-6A-10a				
☐ PERSON	NAL	REGISTERED	☐ METHOD OF	DEL	IVERY THAT RE	EQUIRES A	
SERVIC		MAIL			ATURE CONFIR	and the second second	
on to the surfit but no more the beneath such owner of mine and Sediment Secretary, when able the sur	nce tract to con- nan forty-five of tract that has fi- erals underlying Control Manu- ich statement stace owner to con-	duct any plat survey days 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	d rules related to oil and information, including t	wner ix, ar otice d gas	icle. Such notice of such tract; (2) ticle six, chapter the shall include a street exploration and p	shall be provid to any owner of wenty-two of t atement that co production may	ed at least seven days or lessee of coal seams his code; and (3) any opies of the state Erosion be obtained from the
Notice is here	by provided t	0:					
☐ SURFAC	E OWNER(s)			OAL	OWNER OR LE	SSEE	
Name:	III in terms of a		Name				
Address:	-		Addre	ss:			
Name:			-		Tribuna -		
Address:			_		RAL OWNER(s)		
			Name	_	G. Kirkbride		
Name:			_ Addre	_	O Box 80135		
Address					additional forms if ne	cessarv	
a plat survey o State:	est Virginia Co on the tract of la West Virginia	ode § 22-6A-10(a), n and as follows:		Latitu	de & Longitude:	39.733900, -80.62	
County:				244 23	ccess:	Greenfield Road	Service Service
District:			Watershee	2.5	C	Fish Creek/Upper	Fish Creek
Quadrangle:	Littleton		Generally	used	farm name:	Shawn Hadan	
may be obtain Charleston, W	ed from the Se V 25304 (304	cretary, at the WV D -926-0450). Copies	Manual and the statute. Department of Environm of such documents or a .wv.gov/oil-and-gas/pas	ental dditic	Protection headquartion re	uarters, located	at 601 57 th Street, SE, ontal drilling may be
Notice to be	aby aires be						RECEIVED Office of Oil and Gas
Well Operator	eby given by	TION COMPANY, LLC	Address		1200 Fort Diamont Da	Cuita 201	Office of Oil and Gas
relephone:	304-884-1610	ION COMPANT, ELG	Address		1300 Fort Pierpont, Dr., Morgantown, WV 26508		A110 = -
Email:	brittany_woody@	Swn.com	Facsimi	le:	304-884-1690		AUG 1 2 2019
Oil and Gas			al information, such as r	name.	address and teler	phone number.	WV Department of Environmental ment of as part of our regulation

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 ENTRY FOR PLAT SURVEY

	Requirement: Notice shall be	provided at least SEVEN (7) days	but no more than	FORTY-FIVE (45)	days prior to	
entry Date of Noti	ce: 5/7/2019 Date of	Planned Entry: 5/14/2019	_			
Delivery me	thod pursuant to West Virgi	ia Code § 22-6A-10a				
☐ PERSO	NAL REGISTERE	☐ METHOD OF DELIN	ERY THAT RE	QUIRES A		
SERVIC		RECEIPT OR SIGNA		934 M.O.G. O.		
on to the surf but no more to beneath such owner of min and Sediment Secretary, wh	ace tract to conduct any plat s han forty-five days prior to su tract that has filed a declaration erals underlying such tract in the Control Manual and the statu	(a), Prior to filing a permit applicate the control of the control of the control of the country to: (1) The surface owner of the pursuant to section thirty-six, article country tax records. The notice sets and rules related to oil and gas entact information, including the address of the secretary.	tle. Such notice s f such tract; (2) t tele six, chapter to hall include a sta xploration and po	hall be provided at lea to any owner or lessee wenty-two of this code tement that copies of roduction may be obta	ast seven days of coal seams e; and (3) any the state Erosion ined from the	1
Notice is her	eby provided to:					
☐ SURFA	CE OWNER(s)	☐ COAL (OWNER OR LE	SSEE		
		Name:				
Address:		Address:				
Name:			20.00			
Address:		MINER	AL OWNER(s)			
		Name: Mè To	dd Carswell			
Name:		Address: 111	7 Toms St.			
Address:			dditional forms if ned	cessary		
	reby given: Vest Virginia Code § 22-6A-10 on the tract of land as follows West Virginia Marshall Liberty Littleton	(a), notice is hereby given that the second Approx. Latitud Public Road Act Watershed: Generally used	e & Longitude: cess:	operator is planning 6 39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek Shawn Harlan		
may be obtain Charleston, V obtained from Notice is he Well Operato Telephone:	reby given by: SWN PRODUCTION COMPANY, LL 304-884-1610		Protection headqual information reault.aspx. 300 Fort Pierpont, Dr., Porgantown, WV 26508	narters, located at 601 elated to horizontal dr Suite 201	57th Street, SE,	and Gas
Email:	brittany_woody@swn.com	Facsimile:	04-884-1690			-
Oil and Gas	Privacy Notice:	arronal information such as new-	addrage and talan	shone number as root	WV Depart	Protection

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) da	ys but no more tha	n FORTY-FIVE	(45) days prior to
Date of Notice	ce: 5/7/2019	Date of Pla	nned E	ntry: 5/14/2019			
Delivery met	hod pursuant	to West Virginia C	ode § 2	2-6A-10a			
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SERVIC		MAIL		RECEIPT OR SIGN			
on to the surfi but no more to beneath such owner of min and Sediment Secretary, who	ace tract to con han forty-five of tract that has fi erals underlyin Control Manu ich statement s	duct any plat survey lays prior to such en led a declaration pur	s requir try to: (rsuant to ounty ta: nd rules informa	ed pursuant to this and a pursuant to this and a pursuant to the surface owner of section thirty-six, and a records. The notic related to oil and gaution, including the a	rticle. Such notice r of such tract; (2) rticle six, chapter t e shall include a st s exploration and p	shall be provided to any owner or l wenty-two of this atement that copi production may be	essee of coal seams s code; and (3) any es of the state Erosion e obtained from the
Notice is here	eby provided t	to:					
☐ SURFAC	CE OWNER(s)			☐ COA	L OWNER OR LE	SSEE	
Address:			5) E)	Address:			
				-			-
Address:			2		ERAL OWNER(s)		
			_		phen W. Burge		
Name:			4		PO Box 2547		
Address:			-	Westerville, O	H 43086 h additional forms if ne		
	est Virginia C	ode § 22-6A-10(a), r and as follows:	notice is		e undersigned wel		ning entry to conduct
County:	Marshall			Public Road	Access:	Greenfield Road	
District:	Liberty					Fish Creek/Upper Fish	h Creek
Quadrangle:	Littleton			_ Generally use	d farm name:	Shawn Harlan	
may be obtain Charleston, Wobtained from Notice is her Well Operator	reby given by r: SWN PRODUCT	cretary, at the WV I -926-0450). Copies by visiting <u>www.der</u>	Departm of such	ent of Environmenta documents or addit	Il Protection headq ional information r default.aspx.	uarters, located at elated to horizont Suite 201	ation and production t 601 57 th Street, SE, tal drilling may be RECEIVED Office of Oil and Gas AUG 12 2019
Telephone:	304-884-1610				Morgantown, WV 26508	3	
Email:	brittany_woody@	@swn.com		Facsimile:	304-884-1690		WV Department of
Oil and Gas	Privacy Not	ice:					Environmental Protection

Operator Well No. Shawn Harlan MSH

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

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

entry Date of Not	tice: 5/7/2019	Date of Pla	nned Entry	5/14/2019			
Delivery m	ethod pursua	nt to West Virginia C	ode § 22-6	A-10a			
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SERVI		MAIL			NATURE CONFIR		
on to the sur but no more beneath suc owner of mi and Sedimer Secretary, w	rface tract to of than forty-five the tract that has inerals underly nt Control Ma which statemen	Code § 22-6A-10(a), I onduct any plat survey e days prior to such ensifiled a declaration puring such tract in the conual and the statutes and shall include contact to obtain copies from the	s required p try to: (1) T suant to sec unty tax rec d rules relations information	ursuant to this a he surface owner tion thirty-six, a cords. The notice ted to oil and gat, including the a	rticle. Such notice or of such tract; (2) article six, chapter to shall include a state of sexploration and p	shall be provided at le- to any owner or lessee wenty-two of this code atement that copies of roduction may be obta	ast seven days of coal seams e; and (3) any the state Erosion ained from the
Notice is he	reby provide	d to:					
☐ SURFA	CE OWNER	(s)		☐ COA	L OWNER OR LE	SSEE	
				Name:			
Address: _			-	Address;			
Name:							
Address:				MIN	ERAL OWNER(s)		
			200	Name, Tra			
Name:	-				3752 Dotwood Street NW		
Address: _			-	New Canton,	OH 44720 th additional forms if ne		
Pursuant to		Code § 22-6A-10(a), nf land as follows:	otice is here		ne undersigned wel	operator is planning 6	entry to conduct
County:	Marshall			Public Road	the state of the s	Greenfield Road	
District:	Liberty			Watershed:		Fish Creek/Upper Fish Creek	
	Littleton			Generally use	d farm name:	Shawn Harlan	
Quadrangle:	Littoren						
Copies of th may be obta Charleston,	e state Erosion ined from the WV 25304 (3	and Sediment Control Secretary, at the WV D 04-926-0450). Copies y by visiting <u>www.dep</u>	epartment of such doc	of Environmenta cuments or addit	d rules related to of il Protection headquional information r	uarters, located at 601 elated to horizontal dri	57 th Street, SE, illing may be CEIVED
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Operator Well No. Shawn Harlan MSH

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

	Time R	equirement: Noti	ce shall be prov	vided at least	SEVEN (7) da	ys but no more tha	n FORTY-FIVE (4	5) days prior to
entry Date o	f Notice:	5/7/2019	Date of Plan	nned Entry:	5/14/2019			
Delive	ry metho	od pursuant to W	est Virginia C	ode § 22-6A-	10a			
ПР	ERSON	AL E RE	GISTERED	□ мет	HOD OF DEL	IVERY THAT RE	EQUIRES A	
	ERVICE		AIL			IATURE CONFIR		
on to the but no beneat owner and Se Secreta enable	he surfac more that h such tra of miner diment C ary, whice the surfa	e tract to conduct in forty-five days act that has filed a als underlying suc control Manual and h statement shall in the owner to obtain	any plat surveys prior to such end declaration pur th tract in the co d the statutes an include contact	s required puritry to: (1) The suant to section to section to the suant to section to the sectio	rsuant to this are surface owner on thirty-six, are rds. The notice d to oil and gas	ticle. Such notice: of such tract; (2) ticle six, chapter teshall include a state exploration and p	r shall provide notice shall be provided at to any owner or less wenty-two of this co atement that copies of production may be ob age on the Secretary	least seven days ee of coal seams ode; and (3) any of the state Erosion otained from the
Notice	is hereb	y provided to:						
□ st	URFACE	OWNER(s)				OWNER OR LE		
Name:		11			Name:			-
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Name:				÷	The state of the s	110 Breezy Knoli St.		2
Addres	SS:			- ,,	Minneola, FL 3	4715 n additional forms if ne	annon i	-0
		by given: st Virginia Code §	22-6A-10(a), n	notice is hereb			l operator is planning	g entry to conduct
a plat s		the tract of land a						
State:	_	Vest Virginia				ide & Longitude:	39.733900, -80.623393	
County	_				Public Road A	ccess:	Greenfield Road	_
Distric		iberty			Watershed:	1.0	Fish Creek/Upper Fish Cre	eek
Quadra	angle: L	ittleton			Generally use	a tarm name:	Shawn Harlan	
may be Charles	obtained ston, WV	from the Secreta	ry, at the WV D -0450). Copies	Department of of such docu	Environmenta ments or additi	l Protection headque onal information r	il and gas exploration uarters, located at 60 elated to horizontal o	01 57 th Street, SE, drilling may be RECEIVED
Notice	e is here	by given by:						Office of Oil and Gas
	perator:	SWN PRODUCTION C	OMPANY, LLC		Address:	1300 Fort Pierpont, Dr.,	Suite 201	ALIC 1 0 2010
Teleph		304-884-1610				Morgantown, WV 26508	3	AUG 1 2 2019
Email:		brittany_woody@swn.c	om		Facsimile:	304-884-1690		
		rivacy Notice:						WV Department of Environmental Protection
The Of	tice of O	II and Gas process	ses your persona	al information	i, such as name	, address and teler	hone number, as pa	rt of our regulatory

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

WW-6A3 (1/12)

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

	e Requirement: N	otice shall be prov	ided at least SEVEN (7) da	nys but no more than	n FORTY-FIVE (4	5) days prior to
entry Date of Not	ice: 5/7/2019	Date of Plan	nned Entry: 5/14/2019			
Delivery m	ethod pursuant to	West Virginia Co	ode § 22-6A-10a			
☐ PERSO	ONAL E F	EGISTERED	☐ METHOD OF DE	LIVERY THAT RE	QUIRES A	
SERVI		MAIL		NATURE CONFIR		
on to the sur but no more beneath such owner of mi and Sedimer Secretary, we enable the su	face tract to condu- than forty-five day in tract that has filed nerals underlying s at Control Manual which statement sha urface owner to obt	or any plat surveys s prior to such ent I a declaration pur- uch tract in the co and the statutes an Il include contact i	Prior to filing a permit appliance of the service of the surface owners to: (1) The surface owners to: (1) The surface owners to section thirty-six, and to section the section thirty-six, and to section the section of the section of the section, including the secretary.	rticle. Such notice s er of such tract; (2) the article six, chapter to be shall include a state as exploration and particular	shall be provided at to any owner or less wenty-two of this co atement that copies roduction may be o	least seven days see of coal seams ode; and (3) any of the state Erosion btained from the
Notice is he	reby provided to:					
☐ SURFA	CE OWNER(s)		□ coA	L OWNER OR LE	SSEE	
Name:	E254 11 20 -		Name:			2.
Address: _	. S.D. G. W. P. S.R. (e)		Address:			_
Name:				w. m 2 5000 - 5000		-
Address:			■ MIN	ERAL OWNER(s)		
			Name: Sa	ndra Eileen Rush		-
Name:			Address:	6294 Gamble Road		_
Address			Lisbon, OH 4	ch additional forms if ne	cessary	
Pursuant to a plat survey State: County:	on the tract of lan West Virginia	e § 22-6A-10(a), n d as follows:	Public Road	tude & Longitude:	39.733900, -80.523393 Greenfield Road	
District:	Liberty		Watershed:	74	Fish Creek/Upper Fish Cr	eek
Quadrangle:	Littleton		Generally us	ed farm name:	Shawn Harlan	
may be obta Charleston, obtained fro	ined from the Secretary 25304 (304-9) in the Secretary by ereby given by:	etary, at the WV D 26-0450). Copies visiting <u>www.dep</u>	Manual and the statutes are partment of Environment of such documents or additional www.gov/oil-and-gas/pages/	al Protection headquional information re	parters, located at 60 elated to horizontal Suite 201	01 57th Street, SE,
Email:	brittany_woody@sw	n.com	Facsimile:	304-884-1690		MUU 1 4 / UIS
Oil and Ga	s Privacy Notice	X.	al information, such as nam		phone number, as pa	WV Department of Environmental Protection art of our regulatory

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

WW-6A3 (1/12)

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

	ne Require	ment: Notice shall be prov	vided at least SE	VEN (7) day	ys but no more than	FORTY-FIVE (45) days prior to
entry Date of No	otice: 5/7/2019	Date of Pla	nned Entry: 5/1	4/2019			
Delivery n	nethod purs	suant to West Virginia C	ode § 22-6A-10	a			
Преро	SONAL	■ REGISTERED	□ метн	OD OF DEL	IVERY THAT RE	OUIRES A	
SERV		MAIL			IATURE CONFIR		
on to the se but no more beneath su owner of m and Sedim Secretary,	urface tract or than forty ch tract that ninerals und ent Control which states	inia Code § 22-6A-10(a), le to conduct any plat survey five days prior to such en has filed a declaration purerlying such tract in the common and the statutes are ment shall include contact ter to obtain copies from the	s required pursu try to: (1) The si rsuant to section ounty tax recorded rules related to information, income	ant to this ar urface owner thirty-six, ar s. The notice to oil and gas	ticle. Such notice s of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and p	shall be provided at to any owner or lest wenty-two of this of tement that copies roduction may be of	see of coal seams sode; and (3) any of the state Erosion obtained from the
Notice is h	ereby prov	ided to:					
☐ SURF	ACE OWN	ER(s)		☐ COA	LOWNER OR LE	SSEE	
				Name:			
Address:				Address:			_
Name:			-		TRALE OWNERS		7
Address:					ERAL OWNER(s)		
Mamai			-	Name: Dor	othy Jean Meier 214 Wellington Rd		
Address.				Wilmington, Di			_
			3		h additional forms if ne	cessary	-
Pursuant to a plat surve State: County:	ey on the tra West Virgi Marshall	inia Code § 22-6A-10(a), a act of land as follows:	A	pprox. Latit	ude & Longitude:	39.733900, -80.623393 Greenfield Road	
District:	Liberty			Vatershed:	d farm name:	Fish Creek/Upper Fish C Shawn Harlan	леек
may be obt	the state Ero tained from , WV 2530	esion and Sediment Contro the Secretary, at the WV I 4 (304-926-0450). Copies retary by visiting www.der	I Manual and the Department of E	e statutes an nvironmenta ents or addit	d rules related to o I Protection headquional information r	il and gas explorati	501 57 th Street, SE,
	hereby giv	ren by:		Address:	1300 Fort Pierpont, Dr.,	Suite 201	AUG 1 2 2019
Telephone				, tuur 033,	Morgantown, WV 26508		
Email:	-	_woody@swn.com		Facsimile:	304-884-1690		WV Department of Environmental Protection
Oil and O	Gas Privac	y Notice:			30 80		LIMOTHOLIA SOLUTION

Operator Well No. Shawn Harlan MSH

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

entry	,	e: <u>5/7/2</u> 019		nned Entry:		ys out no more than	1 FORT 1-FIVE (43) 0	ays prior to
Deliv	very meth	od pursuant	to West Virginia C	ode § 22-6A-	10a			
	PERSON SERVICE	7.70	REGISTERED MAIL			IVERY THAT RE		
on to but n bene owne and S Secre enab	the surfa to more the ath such the of mine Sediment the etary, while the surface the surfa	ce tract to con an forty-five of ract that has fi rals underlying Control Manu ch statement so ace owner to o	duct any plat survey: days prior to such en- led a declaration pur g such tract in the co- al and the statutes an hall include contact betain copies from the	s required pur try to: (1) The suant to section ounty tax recond rules related information, i	suant to this are surface owner on thirty-six, are rds. The notice of to oil and gas	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 shall be provided at leas to any owner or lessee of wenty-two of this code; attement that copies of the roduction may be obtain age on the Secretary's w	t seven days of coal seams and (3) any ne state Erosion ned from the
		by provided t			Пос		acer.	
		E OWNER(s)				LOWNER OR LE		
Nam				-	Name:			
Addr	ress:				Address:			
Nam	e:			_		The same of the same	*	
Addr	ress:					RAL OWNER(s)		
274		-			Name: Eric	aW. Mason		
Nam	e:			-		PO Box 165, Lot 5		
Addr	ress:			- 1	Coinjock, NC 2		Table 1	
		45. 15.		-	*please attac	h additional forms if ne	cessary	RECEIVED Office of Oil and Gas
Pursi	uant to We	eby given: est Virginia C	ode § 22-6A-10(a), r	notice is hereb	y given that th	e undersigned well	operator is planning er	try to conduct 2 2019
a pia	i survey o	n the tract of t	and as follows:					Hou -
State		West Virginia			Public Road A	ude & Longitude:	39,733900, -80.623393 Greenfield Road	WV Department of
Coun		Marshall			Watershed:	recess.	Fish Creek/Upper Fish Creek	Environmental Protection
Distr		Liberty			Generally use	d farm name:	Shawn Harlan	Environmental
Quad	irangie:	Littleton			Generally use	u faith hame.	Ollawii Fielieli	
may Char	be obtaine leston, W	ed from the Se V 25304 (304	cretary, at the WV I	Department of of such documents	Environmenta ments or additi	l Protection headquonal information re	ll and gas exploration at parters, located at 601 5 elated to horizontal drill	7th Street, SE,
	1.7.3							
		eby given by						
	Operator.		TION COMPANY, LLC		Address:	1300 Fort Pierpont, Dr.,		
	phone:	304-884-1610			P - 1 - 11	Morgantown, WV 26508		
Emai	11:	brittany_woody@	Dswn.com		Facsimile:	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

entry	-1		than FORTY-FIVE (45) days prior to
Date of Notice	: 5/7/2019 Date of Plan	nned Entry: 5/14/2019	
Delivery metho	od pursuant to West Virginia C	ode § 22-6A-10a	
☐ PERSONA	AL REGISTERED	☐ METHOD OF DELIVERY THAT	REQUIRES A
SERVICE		RECEIPT OR SIGNATURE CON	FIRMATION
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice enable the surface	the tract to conduct any plat surveys an forty-five days prior to such entract that has filed a declaration purhals underlying such tract in the co-control Manual and the statutes and the statement shall include contact ace owner to obtain copies from the	Prior to filing a permit application, the operators required pursuant to this article. Such noticity to: (1) The surface owner of such tract; suant to section thirty-six, article six, chapt unty tax records. The notice shall include a drules related to oil and gas exploration are information, including the address for a we secretary.	ice shall be provided at least seven days (2) to any owner or lessee of coal seams er twenty-two of this code; and (3) any a statement that copies of the state Erosion and production may be obtained from the
Notice is hereb		☐ COAL OWNER OR	I PCOPE
☐ SURFACE			
Address:		Name:Address:	
		0	
Address:		■ MINERAL OWNER	.(s)
Name:		Address: 5207 Hampton Rd	
		Clemmons, NC 27012	
Address:			
Address:		*please attach additional forms	if necessary
Notice is here Pursuant to We a plat survey or State:	eby given:	*please attach additional forms notice is hereby given that the undersigned Approx. Latitude & Longitude	well operator is planning entry to conduct de: 39.733900, -80.623393
Notice is here Pursuant to We a plat survey on State: County:	eby given: st Virginia Code § 22-6A-10(a), n the tract of land as follows: West Virginia	*please attach additional forms notice is hereby given that the undersigned Approx. Latitude & Longitud Public Road Access:	well operator is planning entry to conduct de: 39.733900, -80.623393 Greenfield Road
Notice is here Pursuant to We a plat survey on State: County: District:	eby given: st Virginia Code § 22-6A-10(a), n n the tract of land as follows: West Virginia Marshall Liberty	*please attach additional forms notice is hereby given that the undersigned Approx. Latitude & Longitud Public Road Access: Watershed:	well operator is planning entry to conduct de: 39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek
Notice is here Pursuant to We a plat survey on State: County:	eby given: st Virginia Code § 22-6A-10(a), n the tract of land as follows: West Virginia	*please attach additional forms notice is hereby given that the undersigned Approx. Latitude & Longitud Public Road Access:	well operator is planning entry to conduct de: 39.733900, -80.623393 Greenfield Road
Notice is here Pursuant to We a plat survey on State: County: District: Quadrangle: Copies of the st may be obtaine. Charleston, WV	eby given: st Virginia Code § 22-6A-10(a), not the tract of land as follows: West Virginia Marshall Liberty Littleton tate Erosion and Sediment Control of from the Secretary, at the WV ET (25304 (304-926-0450)). Copies	*please attach additional forms notice is hereby given that the undersigned a Approx. Latitude & Longitude Public Road Access: Watershed: Generally used farm name: I Manual and the statutes and rules related to be partment of Environmental Protection here	well operator is planning entry to conduct de: 39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek Shawn Harian oo oil and gas exploration and production adquarters, located at 601 57th Street EVED on related to horizontal drilling THE 6 Oil and Gas
Notice is here Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, Wy obtained from t	eby given: st Virginia Code § 22-6A-10(a), no the tract of land as follows: West Virginia Marshall Liberty Littleton atte Erosion and Sediment Control of from the Secretary, at the WV E 7 25304 (304-926-0450). Copies the Secretary by visiting www.dep	*please attach additional forms notice is hereby given that the undersigned a Approx. Latitude & Longitude Public Road Access: Watershed: Generally used farm name: Manual and the statutes and rules related to be partment of Environmental Protection here of such documents or additional information	well operator is planning entry to conduct de: 39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek Shawn Harlan o oil and gas exploration and production adquarters, located at 601 57th Street
Notice is here Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, Wo obtained from t	eby given: st Virginia Code § 22-6A-10(a), no the tract of land as follows: West Virginia Marshall Liberty Littleton atte Erosion and Sediment Control of from the Secretary, at the WV E 7 25304 (304-926-0450). Copies the Secretary by visiting www.dep	*please attach additional forms notice is hereby given that the undersigned a Approx. Latitude & Longitude Public Road Access: Watershed: Generally used farm name: Manual and the statutes and rules related to be partment of Environmental Protection here of such documents or additional information	well operator is planning entry to conduct de: 39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek Shawn Harian to oil and gas exploration and production adquarters, located at 601 57th Street EVED on related to horizontal drilling THE 66 Oil and Gas AUG 12 2019
Notice is here Pursuant to We a plat survey on State: County: District: Quadrangle: Copies of the st may be obtaine. Charleston, WV	eby given: st Virginia Code § 22-6A-10(a), no the tract of land as follows: West Virginia Marshall Liberty Littleton tate Erosion and Sediment Control of from the Secretary, at the WV E 7 25304 (304-926-0450). Copies the Secretary by visiting www.dep	*please attach additional forms notice is hereby given that the undersigned of the control of t	well operator is planning entry to conduct de: 39.733900, -80.623393 Greenfield Road Fish Creek/Upper Fish Creek Shawn Harlan of oil and gas exploration and production adquarters, located at 601 57th Street EVED on related to horizontal drilling of the Following and Gas AUG 1 2 2019 Dr., Suite 201

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	Requirement: 1 e: 5/7/2019		vided at least S		ys but no more that	n FORTY-	FIVE (45)	days pr	rior to
Date of Notic	e. omzota	Date of Flan	uned Entry.	77,05919					
Delivery met	hod pursuant to	o West Virginia C	ode § 22-6A-1	10a					
☐ PERSON	JAT.	REGISTERED	□ мет	HOD OF DEL	IVERY THAT RE	OUIRES A			
SERVIC	2.30	MAIL			NATURE CONFIR				
						S1-311	1		ad anime
on to the surfa- but no more the beneath such to owner of mine and Sediment Secretary, whenable the sur	ice tract to cond nan forty-five da tract that has file erals underlying Control Manual ich statement sh face owner to ob	de § 22-6A-10(a), I uct any plat survey, ays prior to such en- ed a declaration pur such tract in the co- l and the statutes an all include contact btain copies from the	s required pur- try to: (1) The rsuant to section ounty tax record rules related information, in	suant to this as surface owne on thirty-six, a ds. The notic I to oil and gas	rticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall be provided any owner wenty-two contents that the transfer of the transf	vided at leaser or lessee of this code, copies of the copi	of coal and (3 he state ned fro	n days seams 3) any e Erosion om the
Notice is here	by provided to	4							
☐ SURFAC	E OWNER(s)			☐ COA	L OWNER OR LE	SSEE			
Name:				Name:					
Address:			_	Address:					
				0					
Name:			-	MINI	ERAL OWNER(s)				
Address.			-		ad E. Longfellow				
Name:					2580 State St. NW				
Address:			_	Union Town, C					
			_	*please attac	h additional forms if ne	cessary			
	est Virginia Coon the tract of land	de § 22-6A-10(a), n nd as follows:			ude & Longitude:		0.623393	ntry to	conduct
District:	Liberty			Watershed:	100033.		per Fish Creek		
Quadrangle:	Littleton			Generally use	d farm name:	Shawn Harlan	27 (30) (30)		
may be obtain Charleston, W obtained from	ed from the Sec V 25304 (304- the Secretary by reby given by:	d Sediment Control retary, at the WV E 926-0450). Copies y visiting www.dep	Department of of such docur	Environmenta nents or addit	l Protection headquional information r	uarters, loca elated to ho	ted at 601 5 rizontal dril RE Office 0	ing maching maching of Oil a	eet, SE, ay be ED nd Gas
Ven Operator Felephone:	304-884-1610	ON COMPANT, LLC		ridar 655.	Morgantown, WV 26508		AIII	112	2019
Email:	brittany_woody@s	swn.com		Facsimile:	304-884-1690				
Oil and Gas The Office of	Privacy Notic			, such as name	e, address and telep		Environ er, as part o	menta f our r	

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.

	e: 05/30/2019	provided at least TEN (10) days prior to filing a permit application. Date Permit Application Filed:
Delivery met	hod pursuant to West Virgin	a Code § 22-6A-16(b)
☐ HAND	■ CERTIFIED M	AIL
DELIVE		EIPT REQUESTED
receipt request drilling a horion of this subsect subsection mand if availab	sted or hand delivery, give the standard well: <i>Provided</i> , That notion as of the date the notice way be waived in writing by the standard in writing w	east ten days prior to filing a permit application, an operator shall, by certified mail return urface owner notice of its intent to enter upon the surface owner's land for the purpose of the given pursuant to subsection (a), section ten of this article satisfies the requirement is provided to the surface owner: <i>Provided, however</i> , That the notice requirements of this urface owner. The notice, if required, shall include the name, address, telephone number onic mail address of the operator and the operator's authorized representative.
Name: Shawn 8		Name:
	9 Proctor Creek Road	Address:
Proctor, WV 2605		
State: County:	West Virginia Marshall	UTM NAD 83 Easting: 532,279.087 Northing: 4,398,286.470
	Liberty	Public Road Access: Greenfield Road
District:		
	Littleton	Generally used farm name: Shawn Harlan MSH
District: Quadrangle: Watershed:	Laurel Run of Fish Creek	Generally used farm name: Shawn Harlan MSH
Quadrangle: Watershed: This Notice Pursuant to Vacsimile numeriated to hor	Shall Include: Vest Virginia Code § 22-6A- ber and electronic mail addre izontal drilling may be obtained	Generally used farm name: Shawn Harlan MSH 6(b), this notice shall include the name, address, telephone number, and if available ss of the operator and the operator's authorized representative. Additional information of from the Secretary, at the WV Department of Environmental Protection headquarters V 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx
Quadrangle: Watershed: This Notice Pursuant to Vacsimile nun related to hor ocated at 601 Notice is he	Laurel Run of Fish Creek Shall Include: Vest Virginia Code § 22-6A- ber and electronic mail addre izontal drilling may be obtaine 57 th Street, SE, Charleston, W reby given by:	6(b), this notice shall include the name, address, telephone number, and if available ss of the operator and the operator's authorized representative. Additional information of the Secretary, at the WV Department of Environmental Protection headquarters
Quadrangle: Watershed: This Notice Pursuant to Vacsimile nun related to hor ocated at 601 Notice is he	Shall Include: West Virginia Code § 22-6Anber and electronic mail addressizontal drilling may be obtaine 57th Street, SE, Charleston, W	6(b), this notice shall include the name, address, telephone number, and if available ss of the operator and the operator's authorized representative. Additional information of from the Secretary, at the WV Department of Environmental Protection headquarters v 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx Authorized Representative: Justin Booth
Quadrangle: Watershed: This Notice Pursuant to Vacsimile nun related to hor ocated at 601 Notice is he	Laurel Run of Fish Creek Shall Include: Vest Virginia Code § 22-6A- ber and electronic mail addre izontal drilling may be obtaine 57 th Street, SE, Charleston, W reby given by:	6(b), this notice shall include the name, address, telephone number, and if available as of the operator and the operator's authorized representative. Additional information of from the Secretary, at the WV Department of Environmental Protection headquarters v 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx Authorized Representative: Justin Booth Address: Justin Booth
Quadrangle: Watershed: This Notice Pursuant to Vacsimile nun related to hor ocated at 601 Notice is he Well Operato Address:	Shall Include: West Virginia Code § 22-6A- ber and electronic mail addre izontal drilling may be obtaine 57 th Street, SE, Charleston, W reby given by: SWN Production Company, LLC	Authorized Representative: Address: Address: Address, telephone number, and if available representative. Additional information informa
Quadrangle: Watershed: This Notice Pursuant to Vacsimile nun related to hor ocated at 601 Notice is he Well Operato Address:	Shall Include: West Virginia Code § 22-6A- ber and electronic mail addre izontal drilling may be obtaine 57 th Street, SE, Charleston, W reby given by: SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201	6(b), this notice shall include the name, address, telephone number, and if available ss of the operator and the operator's authorized representative. Additional information of from the Secretary, at the WV Department of Environmental Protection headquarters v 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx Authorized Representative: Address: Justin Booth 1300 Fort Pierpont Drive, Suite DECEIVED Morgantown, WV 26508 Telephone: 304-884-1610
Quadrangle: Watershed: This Notice Pursuant to Vacsimile number at 601 Notice is he Well Operato	Laurel Run of Fish Creek Shall Include: Vest Virginia Code § 22-6A- ber and electronic mail addre izontal drilling may be obtaine 57 th Street, SE, Charleston, W reby given by: The SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508	Authorized Representative: Address: Address: Address, telephone number, and if available representative. Additional information informa
Quadrangle: Watershed: This Notice Pursuant to Vacsimile nun related to hor ocated at 601 Notice is he Well Operato Address:	Laurel Run of Fish Creek Shall Include: Vest Virginia Code § 22-6A- ber and electronic mail addre izontal drilling may be obtaine 57 th Street, SE, Charleston, W reby given by: SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, WV 26508 304-884-1610	6(b), this notice shall include the means of the operator and the operator's different the Secretary, at the WV Depov 25304 (304-926-0450) or by visitin Authorized Representation Address: Telephone:

Operator Well-No. Shaw Hallar MSH 8H 6 4

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

	e: 05/30/2019 Date Permit A	pplication Filed;	alolla		
Delivery met	hod pursuant to West Virginia Code §	22-6A-16(c)	1-1		
■ CERTII	FIED MAIL	HAND			
	RN RECEIPT REQUESTED	DELIVERY			
return receipt the planned of required to be drilling of a l damages to th (d) The notice of notice. Notice is here (at the address Name: Shawn & Address: 17078	Proctor Creek Road	ace owner whose land subsection shall include of this article to a surfactor use and compensions to the extent the dato the surface owner a	will be used for the control of the	r the drilling of of this code see land will be to containing and bensable under	of a horizontal well notice of ection; (2) The information used in conjunction with the n offer of compensation for article six-b of this chapter.
Proctor, WV 2605	5	1			
	est Virginia Code § 22-6A-16(c), notice the surface owner's land for the purpose west Virginia		well on the tra		
District: Quadrangle: Watershed:	Marshall Liberty Littleton Laurel Run of Fish Creek	Public Road A Generally use	Access:	Greenfield Road Shawn Harlan MS	н
District: Quadrangle: Watershed: This Notice S Pursuant to W to be provide horizontal we surface affect information re headquarters, gas/pages/defi	Liberty Littleton Laurel Run of Fish Creek Chall Include: Vest Virginia Code § 22-6A-16(c), this not d by W. Va. Code § 22-6A-10(b) to a ll; and (3) A proposed surface use and code delated to horizontal drilling may be obtail located at 601 57th Street, SE, Charault.aspx.	Generally use of tice shall include: (1) surface owner whose ompensation agreement the damages are coained from the Secretalleston, WV 25304 (Access: d farm name: A copy of this of land will be under the containing an impensable underly, at the WV 304-926-0450)	Shawn Harlan MS code section; (sed in conjun offer of comper article six-b Department of or by visiting	2) The information required ction with the drilling of a tensation for damages to the of this chapter. Additional of Environmental Protection www.dep.wv.gov/oil-and-RECEIVED
District: Quadrangle: Watershed: This Notice S Pursuant to W to be provide horizontal we surface affect information re headquarters,	Liberty Littleton Laurel Run of Fish Creek Chall Include: Vest Virginia Code § 22-6A-16(c), this not d by W. Va. Code § 22-6A-10(b) to a ll; and (3) A proposed surface use and code delated to horizontal drilling may be obtail located at 601 57th Street, SE, Charault.aspx.	otice shall include: (1) surface owner whose ompensation agreement the damages are coained from the Secret	Access: d farm name: A copy of this cland will be unterested and mpensable underly, at the WV	Greenfield Road Shawn Harlan MS code section; (sed in conjun offer of comper article six-b Department of or by visiting	2) The information required ction with the drilling of a sensation for damages to the of this chapter. Additional of Environmental Protection www.dep.wv.gov/oil-and-

Oil and Gas Privacy Notice:

WV Department of



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

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

May 29, 2019

Byrd E. White, III Secretary of Transportation

Jimmy Wriston, P. E. Deputy Secretary/ **Acting Commissioner**

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 Shawn Harlan Pad, Marshall County Shawn Harlan MSH 8H Well site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2015-0114 issued to Southwestern Energy for access to the State Road for a well site located off of Marshall County Route 92/1 SLS.

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.

> Very Truly Yours, Gary K. Clayton

RECEIVED Office of Oil and Gas

AUG 1 2 2019

Gary K. Clayton, P.E.

WV Department of

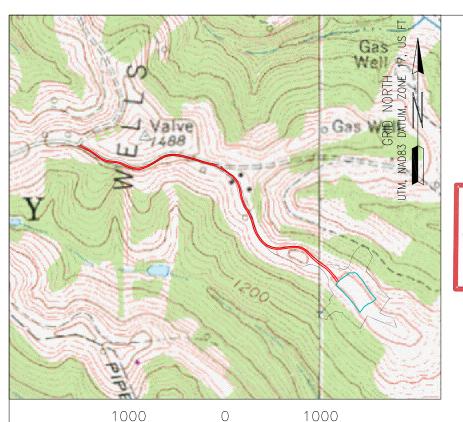
Regional Maintenance Engineer Central Office O&G Coordinator

Cc:

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

Office of Office Gas 0 2 2 6 4

			3 7 7 6 6 0
Product Name	Product Use	Chemical Name AUG 12	2010 CAS Number
AI-303 (U.S. Well Services)	Mixture	Ethylene Blycor	
		Cinnamaldehyde	104-55 2
		Butyl cellosolve WV Departm	ent of 111-76 2
		Formic acid Environmental F	Protection 64-18 6
		Polyether	Proprietary
		Acetophenone, thiourea, formaldehyde polymer	68527-49 1
AP ONE (U.S. Well Services)	Breaker	Ammonium persulfate	7727-54-0
			- International
Bactron K-139 (Champion Technologies)	Biocide	Glutaraldehyde Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethy	111-30-8 I. Chlorides 68424-85-1
		Ethanol	64-17-5
Bactron K-219 (Champion Technologies)	Biocide	Methanol	67-56-1
		Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethy	l, Chlorides 68424-85-1
CarboNRT	Tracer	Ceramic Proppant	66402-68-4
EC6486A (Nalco Champion)	Scale Inhibitor	Amine Triphosphate	Proprietary
EC6486A (Naico Champion)	Scale Inhibitor	Ethylene Glycol	107-21-1
	- Julia Committee Committee	2010 (1-010 00 00 00 00 00 00 00 00 00 00 00 00	
EC6734A (Champion Technologies)	Biocide	Hydrogen Peroxide	7722-84-1
		Acetic Acid	64-19-7
		Peroxyacetic Acid	79-21-0
Econo-CI200 (SWN Well Services)	Corrosion Inhibitor	Methanol	67-56-1
100,100,100,100,100,100,100,100,100,100		Oxyalkylated fatty acid	68951-67-7
		Fatty acids	61790-12-3
		The product of the control of the co	- Contract of the Contract of
		Modified thiourea polymer	68527-49-1
		Water	7732-18-5
		Hydrochloric acid	7647-01-0
		Potassium acetate	127-08-2
		Formaldehyde	50-00-0
copol-FEAC (SWN Well Services)	Iron Control	Acetic Acid	64-19-7
coper i zi io (o iii i i i i i i i i i i i i i i	II on control	Citric Acid	77-92-9
		Water	7732-18-5
DP-S1176-15 (Halliburton)	Friction Reducer	Polyacylate	Proprietary
		Hydrotreated light petroleum distillate	64742-47-8
LOJET DR900 LPP (SWN Well Services)	Friction Reducer	Distillates (petroleum) hydrotreated light	64674-47-8
		Ethylene Glycol	107-21-1
		Alcohols, C12-16, 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
THE TOTAL STORY (CHAMPION TECHNOLOGICS)	Scale minoreor	Nonylphenol Ethoxylate	
IAL AFOR (U-IIII)	Compate to City		Proprietary
HAI-150E (Halliburton)	Corrosion Inhibitor	No hazardous substance	N/A
ICL (SWN Well Services)	Hydrocholic Acid	Hydrochloric Acid	7647-01-0
		Water	7732-18-5
P-65 MC (Halliburton)	Scale Inhibitor	Organic phosphonate	Proprietary
7.757		Ammonium Chloride	12125-02-9
PTI-FLEX (U.S. Well Services)	Viscosifying Agent	Distillates, petroleum, hydrotreated light	64742-47-8
	Viscosifying Agent		
lexslick 930	Friction Reducer	Copolymer of 2-propenamide	Proprietary
		Hydrotreated Distillate	64742-47-8
		Sodium Chloride	7647-14-5
		Alcohols, C12-16, Exoxylated	68551-12-2
		Oleic Acid Diethanolamide	93-83-4
		Ammonium Chloride	12125-02-9
lexslick 953	Friction Reducer	Petroleum Distillate	
ICASIICK 999	i neducer		64742-47-8
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		Sodium Chloride	7647-14-5
		Ammonium Chloride	12125-02-9
		N,N-bis (2-hydroxyethyl) oleamide	93-83-4
lexslick 957	Friction Reducer	Petroleum Distillate	64742-47-8
		Ammonium Chloride	12125-02-9
		Oleic Acid Diethanolamide	93-83-4
		Alcohols, C12-16, Exoxylated	
		Water	68551-12-2
			7732-15-5
WFRA-2000 (U.S. Well Services)	Anionic Friction Reducer	Hydrotreated light distillate (petroleum) Propenoic acid, polymer with propenamide	64742-47-8 9003-06 9



SHAWN HARLAN MSH PAD CONSTRUCTION AND RECLAMATION PLAN AS-BUILT LIBERTY DISTRICT, MARSHALL COUNTY, WV OCTOBER 2015

WVDEP OOG ACCEPTED AS-BUILT

10 / 27 / 2016

TOTAL DISTURBED AREA: 11.2 ACRES
ROAD DISTURBED AREA: 3.9 ACRES
PAD DISTURBED AREA: 7.3 ACRES

1"=1000 S 17, HANCOCK) GRID NORTH 3 DATUM, ZONE BROOKE OHIO **PROJECT** UTM, NAD83 LOCATION MONONGALIA WETZEL MORGAN / MARION BERKELEY MINERAL TAYLOR HAMPSHIRE \DODDRIDGE\ RITCHIE BARBOUR GRANT TUCKER LEWIS GILMER JACKSON RANDOLPH MASON BRAXTON PUTNAM CABELL NICHOLAS POCAHONTAS LINCOLN WAYNE GREENBRIER LOGAN MINGO WYOMING , SUMMERS /

MERCER

COORDINATES: SITE ENTRANCE (NAD83) LAT: 39.737980 LONG: 80.633377

AT HARLAN PAD (NAD83) LAT: 39.734127 LONG: 80.624013

CENTER OF PAD (NAD83) LAT: 39.733900 LONG: 80.623393

GATHERING AREA (NAD83) LAT: 39.738073 LONG: 80.634546 EXISTING WELL: HARLAN MSH 3H (NAD83) LAT: 39.733835 LONG: 80.623282 SHEET INDEX

TS1. TITLE SHEET

EP2.1 EVACUATION ROUTE/ PREVAILING WIND

EP2.2 EVACUATION ROUTE/ PREVAILING WIND

AS3.1 ASBUILT OVERVIEW

AS3.2 ASBUILT

AS3.3 ASBUILT

AS3.4 ASBUILT AS3.5 ASBUILT

AS3.6 ASBUILT

AS3.7 ASBUILT

ASR4.1 CONSTRUCTION AND RECLAMATION ACCESS ROAD PROFILE

MRD5.1 RECLAMATION PLAN OVERVIEW

MRD5.2 RECLAMATION PLAN

MRD5.3 RECLAMATION PLAN MRD5.4 RECLAMATION PLAN

MRD5.5 RECLAMATION PLAN

MRD5.6 RECLAMATION PLAN MRD5.7 RECLAMATION PLAN

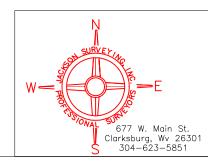
MRD6.3 RECLAMATION DETAILS

MRD6.4 DETAILS

REVISION DATE
CHANGES PER DEP 08/31/2016







08-<u>31-201</u>6

Jackson Surveying Inc.

TITLE SHEET

TS.1

SOUTHWESTERN PRODUCTION COMPANY LLC. SHAWN HARLAN MSH PAD LIBERTY DISTRICT, MARSHALL COUNTY, WV OCTOBER 16, 2015

