

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

Friday, June 14, 2019 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC POST OFFICE BOX 12359 SPRING, TX 77391-4954 SPRIN

Re: Permit Modification Approval for CHARLES FRYE OHI 610H

47-069-00280-00-00

Extending lateral from 3464' to 6286.89'. Updated leases.

SWN PRODUCTION COMPANY, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before 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: CHARLES FRYE OHI 610H

Farm Name: DORTHY V. FRYE (LIFE ESTATE), DAVID W. FRY

U.S. WELL NUMBER: 47-069-00280-00-00

Horizontal 6A New Drill Date Modification Issued: 06/14/2019

Promoting a healthy environment.

WW-6B (04/15)

API NO. 47-069	
OPERATOR WELL NO.	Charles Frye OHI 610H
Well Pad Name: Charle	s Frye OHI Pad

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

1) Well Operator: SWN Pr	roduction Co., LLC	494512924	069-Ohio	6- Triade	648-Valley Grove
1) Well Operator.		Operator ID	County	District (Quadrangle
2) Operator's Well Number:					
3) Farm Name/Surface Own	ICT: Dorethy V. Frye (Life Estate), Arry M. Frye	Public Ros	nd Access: McC	Cutcheon R	oad
4) Elevation, current ground	l: <u>1267'</u> E	Elevation, proposed	post-constructi	on: 1267'	
5) Well Type (a) Gas 2 Other	X Oil	Und	erground Storag	ge	
(b)If Gas	Shallow X	Deep	Market and the second s		
	Horizontal X		4	-N/ ()	1-,716
6) Existing Pad: Yes or No	Yes		_ ()	11/1	3 771
7) Proposed Target Formation Target Formation- Marcellus, Down-Di	on(s), Depth(s), Anti	icipated Thickness	and Expected P	ressure(s): Thickness- 53', As	sociated Pressure-4327
Target Formation- Marcellus, Down-Di	ip Well to the South, Target 10	p TVD-0004, Taiget base T	20 0007 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100 , 74100		
8) Proposed Total Vertical I	Depth: 6642'				
9) Formation at Total Vertic	cal Depth: Marcellu	JS			
10) Proposed Total Measure	ed Depth: / 13,992'				
11) Proposed Horizontal Le	g Length: 6286.89	9'			
12) Approximate Fresh Wat		548'			
13) Method to Determine Fr		Nearby Water We	ell & Salinity P	rofile	
14) Approximate Saltwater	Depths: 774' Salin	ity profile analysis			RECEIVED
15) Approximate Coal Seam					Office of Oil and Gas
16) Approximate Coar Scan		mine karst other):	633' possible	void	MAY 17 2019
				Age and a second	WV Department of Environmental Protection
17) Does Proposed well loc directly overlying or adjaces	ation contain coal se nt to an active mine	eams ? Yes	No.		
(a) If Yes, provide Mine In	nfo: Name:				
	Depth:				
	Seam:				
	Owner:				

4706900280 06/14/2019

CHARLES FRYE-OH PGH-953 VALLEY	
Program, Esri,	ieological and Economic Survey, Coal Bed Mapping HERE, Garmin, © OpenStreetMap contributors Legend
WELL PAD: CHARLES FRYE OHI PAD1	VALLEY CAMP NO. 3 MINE
VOID: YES 🗓 NO	CHARLES FRYE OHI PAD1
MINE: VALLEY CAMP NO. 3 MINE COMPANY: VALLEY CAMP COAL SEAM: PITTSBURGH DEPTH: 602'	0 110 220 440 Feet
ADJACENT TO ACTIVE MINE: YES NO X MINE: COMPANY:	SWN Southwestern Energy®
SEAM: DEPTH:	$\frac{R^2}{A}$ $V^{+^{\circ}}$

WW-68 (04/15) API NO. 47-_069 OPERATOR WELL NO. Charles Frye OHI 610H
Well Pad Name: Charles Frye OHI Pad

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#	688'	688'	642 sx/CTS
Coal	See	Surface	Casing				
Intermediate	9 5/8"	New	J-55	36#	2097'	2097'	787 sx/CTS
Production	5 1/2"	New	HCP-110	20#	13992'	13992' /	load 980 av Tall 1667as inside intermedia
Tubing							
Liners							

CD 5-7-19

TYPE	Size (in)	Wellbore Diameter (in)	<u>Wall</u> <u>Thickness</u> <u>(in)</u>	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	<u>Cement</u> <u>Yield</u> (cu. ft./k)
Conductor	20"	30"	0.25	2120	81	Class A	1.19/50% Excess
Fresh Water	13 3/8"	17.5"	0.380	2740	633	Class A	1.19/50% Excess
Coal	See	Surface	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							

RECEIVED Office of Oil and Gas

PACKERS

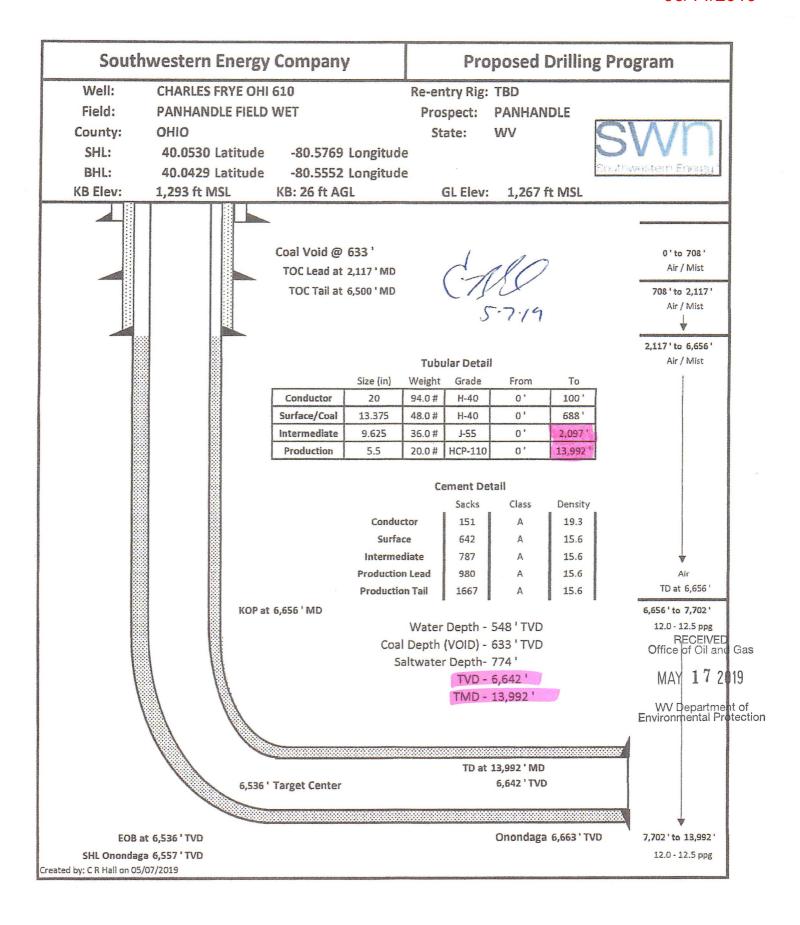
MAY 17 2019

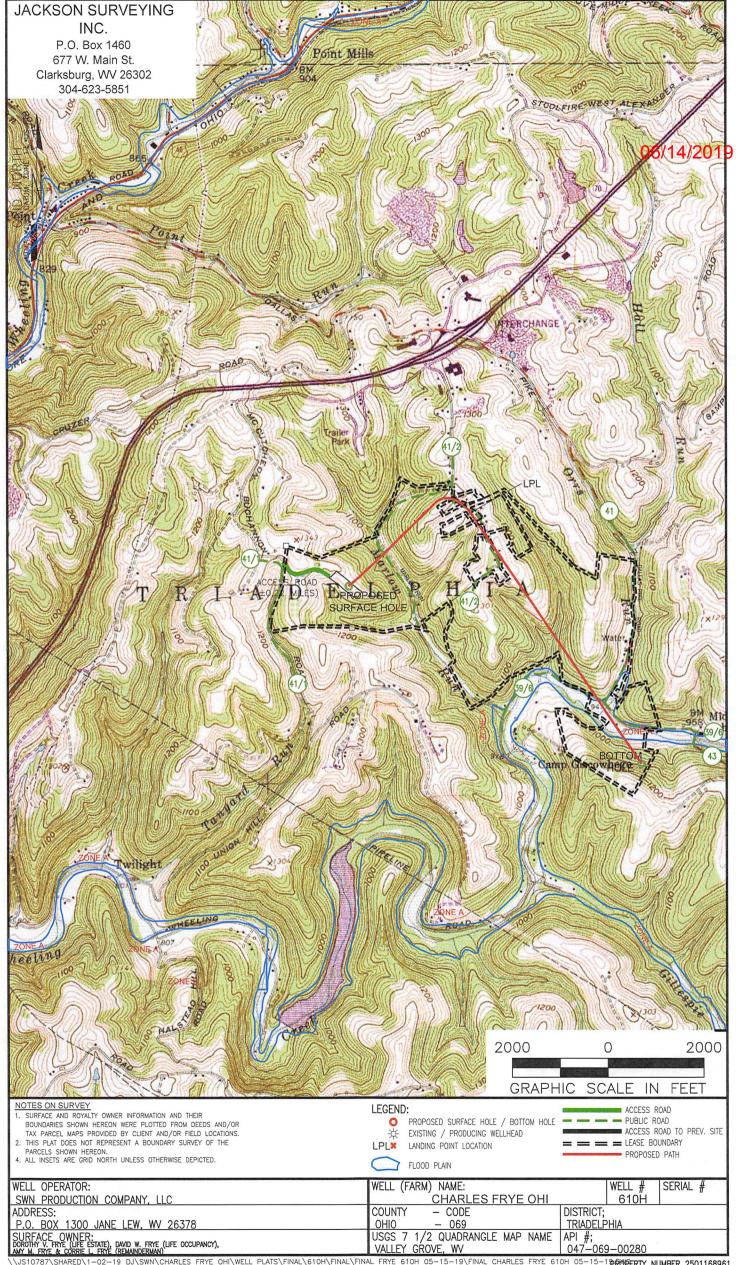
Kind:		WV Dep Environmer	artment of ital Protection
Sizes:			
Depths Set:			

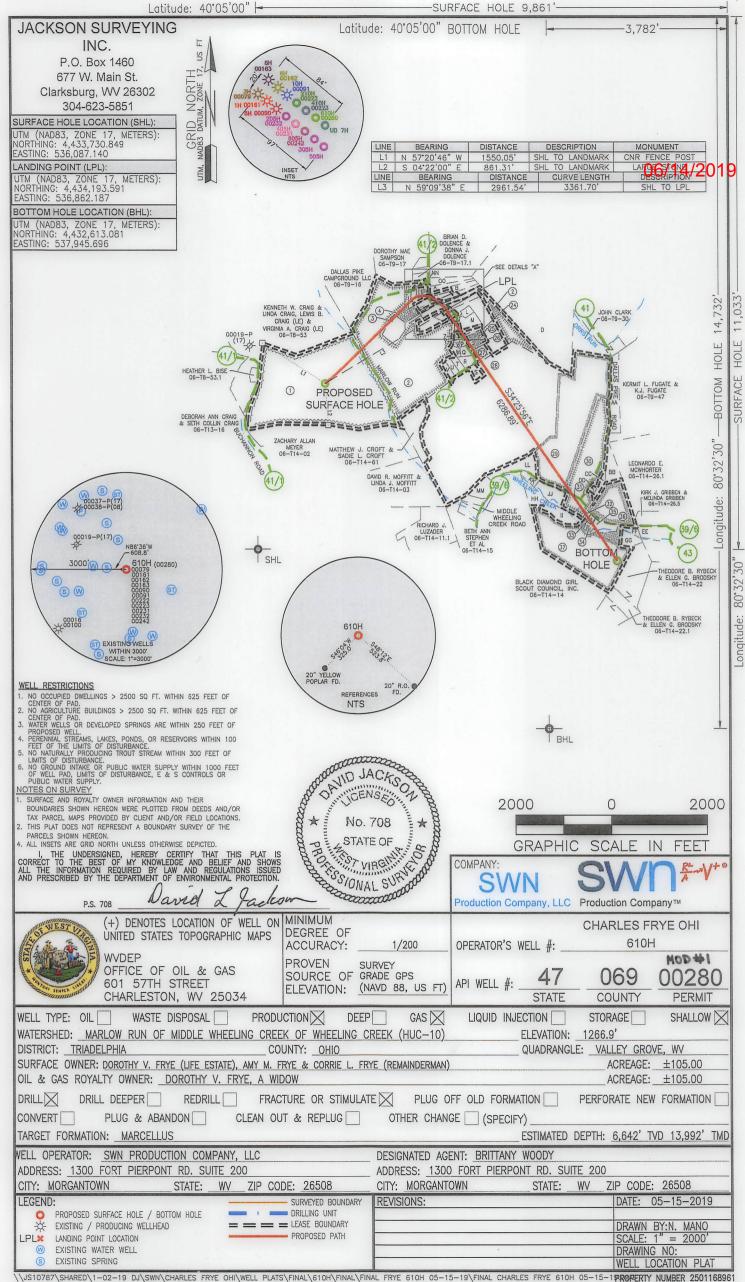
06/14/2019

WW-6B (10/14)	API NO. 47- 069 - OPERATOR WELL NO. Charles Frye OHI 610H Well Pad Name: Charles Frye OHI Pad
Drill and stimulate any potential zones be encounter a void place basket above an from basket to surface or run external caperform 2 stage cementing operation de	gethe drilling and plugging back of any pilot hole: Detween and including the Benson to Marcellus. **If we should all below void area- balance cement to bottom of void and grout asing packer/cementing stage tool above void interval and ependent upon depth of void. Run casing not less than 20'd. (*If freshwater is encountered deeper than anticipated it must cts.)
20) Describe fracturing/stimulating methods	s in detail, including anticipated max pressure and max rate:
chemical additives at a high rate. This was the wellbore until the entire lateral has be then drilled out and the well is flowed ba	formation and stimulated with a slurry of water, sand, and will be performed in stages with the plug and perf method along een stimulated within the target formation. All stage plugs are ack to surface. The well is produced through surface facilities nites, vertical separation units, water and oil storage tanks.
21) Total Area to be disturbed, including roa	ads, stockpile area, pits, etc., (acres): 13.6
22) Area to be disturbed for well pad only, l	ess access road (acres): 12.0
23) Describe centralizer placement for each	casing string:
All casing strings will be ran with a centr	alizer at a minimum of 1 per every 3 joints of casing.
24) Describe all cement additives associated	l with each cement type:
See Attachment ***	RECEIVED Office of Oil and Gas
	MAY 17 2019
25.72	WV Department of Environmental Protection
25) Proposed borehole conditioning procedu All boreholes will be conditioned with circ continuing until operator is satisfied with	culation and rotation for a minimum of one bottoms up and

*Note: Attach additional sheets as needed.







JACKSON SURVEYING

INC.

P.O. Box 1460 677 W. Main St. Clarksburg, WV 26302 304-623-5851



06/14/2019

	WELL BORE TABLE FOR SURFACE / ROYALTY OWN	NERS		WELL BORE TABLE FOR SURFACE / ROYALTY OWN	NERS
RACT		TAX PARCEL	TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCE
1	DOROTHY V. FRYE (LIFE ESTATE), AMY M. FRYE &	06-T14-01	32	JOHN W. ORUM JR. & A.A. ORUM (S)	06-T14-23
	CORRIE L. FRYE (REMAINDERMEN) (S)/ DOROTHY V.		33	DOUGLAS BRIAN ORUM (S)	06-T14-23
	FRYE, A WIDOW (R)	N. Carlotte	34	DOUGLAS BRIAN ORUM (S)	06-T14-23
RACT	SURFACE OWNER	TAX PARCEL	35	RONALD L. MCCORMICK (S)	06-T14-23
2	GEORGE L. DUNN & NANCY M. DUNN, (LIFE	06-T9-20	36	DOUGLAS BRIAN ORUM (S)	06-T14-23
	ESTATE), KATHERINE A. POSEY, CHRISTOPHER R.		37	JOHN W. ORUM JR. (S)	06-T14-23
	DUNN, RHONDA L. HAND & CONSTANCE L.			ADJOINING OWNERS TABLE	00 111 20
	KERCHER (REMAINDERMAN) (S)		TRACT	SURFACE OWNER	TAX PARCE
3	SARAH ANN PORTER (S)	06-T9-20.44	A	JEREMY A. STEWART & AMANDA J. STEWART	06-T9-20.
4	PHILLIP MARQUART & KERSTEN MARQUART (S)	06-T9-20.45	В	JAMES E. DUNN & DONNA M. DUNN	06-T9-20.
5	JOSHUA R. BOYD & AMY M. BOYD (S)	06-T9-20.18	C	DAVID A. WILLIAMS & JANIE G. WILLIAMS	06-T9-20.
6	JOSHUA R. BOYD & AMY M. BOYD (S)	06-T9-20.52	D	AMC CORP.	06-T9-29
7	JOSHUA R. & AMY M. BOYD (S)	06-T9-20.39	E	DAVID A. WILLIAMS & JANIE G. WILLIAMS	06-T9-20.
8	JAMES E. DUNN & D.M. DUNN (S)	06-T9-20.16	F	WILLIAM C. SCHUETZ & SANDRA SCHUETZ	06-T9-20.
9	JAMES E. DUNN & D.M. DUNN (S)	06-T9-20.8	G	WILLIAM C. SCHUETZ & SANDRA SCHUETZ WILLIAM C. SCHUETZ & SANDRA SCHUETZ	06-T9-20.
10	DAVID A. WILLIAMS & JANIE G. WILLIAMS (S)	06-T9-20.11	Н	CHRISTOPHER R. DUNN & TANAKA H. DUNN	
11	NICOLE SEIFERT (S)	06-T9-20.51			06-T9-20
12	SARAH ANN PORTER (S)	06-T9-20.41	J	CONSTANCE L. KERCHER MICHAEL P. ORTH & BRENDA K. ORTH	06-T9-20
13	GEORGE L. DUNN & NANCY M. DUNN, (LIFE	06-T9-20.41	K	JAMES L. ABERCROMBIE & DIANA L. ABERCROMBIE	06-T9-20
.0	ESTATE), KATHERINE A. POSEY, CHRISTOPHER R.	00-19-20.2	_ N		06-T9-20.
	DUNN, RHONDA L. HAND & CONSTANCE L.			DAVID L. KOVALSKI III & JOCELYN N. KOVALSKI	06-T9-20
	KERCHER (REMAINDERMAN) (S)		M	MICHAEL R. KLEIN	06-T9-20
14	THOMAS E. POSEY & K.A. POSEY (S)	06-T9-20.36	N	MICHAEL J. WHEELER	06-T9-20
15	THOMAS POSEY & KATHERINE A. POSEY (S)	06-T9-20.42	0	MICHAEL J. WHEELER	06-T9-20
16	THOMAS POSEY & KATHERINE A. POSEY (S)	06-T9-20.42	P	RICKY J. LANTZ & D.A. LANTZ	06-T9-20
17			Q	BRENT A. HILL & PATTY J. HILL	06-T9-20
18	THOMAS POSEY & KATHERINE A. POSEY (S)	06-T9-20.27	R	DONALD W. PEGG & J.L. PEGG	06-T9-20
10	GEORGE L. DUNN & NANCY M. DUNN (LIFE	06-T9-20.50	S	THOMAS F. MCKENZIE & STEPHANIE N. MCKENZIE	06-T14-1
	ESTATE), KATHERINE A. POSEY, CHRISTOPHER R. DUNN, RHONDA L. HAND, CONSTANCE L.		T	GARY FLANEGIN	06-T9-20
	KERCHER (REMAINDERMEN) (S)		U	MICHAEL W. NASH & C.J. NASH	06-T9-20
10			V	LISA A. OLIVER	06-T9-20
	JAMES L. ABERCROMBIE & DIANA L. ABERCROMBIE (S)		W	BRENT A. HILL & PATTY J. HILL	06-T9-20
20	DONNA L. HOLMAN-ALOE (S)	06-T9-20.23	X	BRENT A. HILL & PATTY J. HILL	06-T9-20.
21	MICHAEL J. WHEELER (S)	06-T9-20.31	Y	MICHAEL J. WHEELER	06-T9-20.
2	JODY H. USENICK (S)	06-T9-20.12	Z	MICHAEL J. WHEELER	06-T9-20
23	THOMAS C. GANTZER, JR. & VICTORIA S. GANTZER	06-T9-20.33	AA	JOHN C. CLARK & REBECCA L. SOSKA	06-T14-2
	(LIFE OCCUPANCY), THOMAS CHRISTIAN GANTZER		BB	JOHN J. MISCOVICH	06-T14-2
	(REMAINDERMAN) (S)		CC	JOHN J. MISCOVICH	06-T14-2
4	THOMAS C. GANTZER, JR. & VICTORIA S. GANTZER	06-T9-20.7	DD	WAYNE SMITH & GRACE SMITH	06-T14-2
	(LIFE OCCUPANCY), THOMAS CHRISTIAN GANTZER		EE	GREGORY EDWARD SUPLER, JR.	06-T14-2
	(REMAINDERMAN) (S)		FF	JANIS C. NASH	06-T14-2
25	THOMAS C. GANTZER, JR. & VICTORIA S. GANTZER	06-T9-20.4	GG	PAUL ANDERSON & VERNA ANDERSON	06-T14-23
	(LIFE OCCUPANCY), THOMAS CHRISTIAN GANTZER	111111111111111111111111111111111111111	НН	MICHAEL P. EBBERT	06-T14-2
	(REMAINDERMAN) (S)		11	ERIC PATTISON & CAROLYN PATTISON	.06-T14-23
6	THOMAS C. GANTZER, JR. & VICTORIA S. GANTZER	06-T9-20.40	JJ	JOHN W. ORUM JR.	06-T14-2
	(LIFE OCCUPANCY), THOMAS CHRISTIAN GANTZER		KK	CLEATUS STILL	06-T14-24
	(REMAINDERMAN) (S)		LL	ROBERT T. HEITZ & ELIZABETH R. HEITZ	06-T14-13
7	GREGG EDWARD BAMBARGER (S)	06-T9-20.10	MM	ELIZABETH ROSE HEITZ	06-T14-13
28	JEFFREY D. MCKENZIE & F.M. MCKENZIE (S)	06-T14-12	NN	JOSHUA R. BOYD & AMY M. BOYD	06-T9-20.
29	AMC CORP. (S)	06-T14-24.1	00	EVELYN BETH STEWART DEGENNARO	06-T9-20.
30	GREGORY S. EDWARDS LEASING INC. (S)	06-T14-24		2.2	
31	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION	WHEELING			
	DIVISION OF HIGHWAY (S)	RUN ROAD			

REVISIONS:	COMPANY:	SWN Production Company, LLC	SVI Production Compan	R* A P P P
	OPERATOR'S WELL #:	CHARLES FRYE OHI 610H	API #: 47-069-00280	DATE: 05-15-2019 DRAWN BY:N. MANO
\.\\S10787\SHARFN\1_02_10 D.\\SWN\CHARLES EDVE OUI\WE	DISTRICT: TRIADELPHIA	COUNTY: OHIO	STATE: WV	SCALE: N/A DRAWING NO: WELL LOCATION PLAT 2

WW-6A1 (5/13)

Operator's Well No. CHARLES FRYE OHI 610H

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. Book/Page Royalty

SEE EXHIBIT.

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

Environmental Protection 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:	Tail Ha
Its:	Staff Landman

Page 1 of

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, L.L.C., Operator Charles Frye OHI 610H
Ohio County, West Virginia

#	TMP	LESSOR	LESSEE	ROYALTY	BK/PG
			Great Lakes Energy Partners, LLC		775/335
			Chesapeake Appalachia, L.L.C.		808/375
1)	06-T14-01	Dorothy V. Frye, A widow	SWN Production Company, LLC	12.50%	883/204
			Chesapeake Appalachia, L.L.C.		795/556
2)	06-T9-20	George L. Dunn and Nancy M. Dunn, husband and wife	SWN Production Company, LLC	14.00%	885/524
۷)	00-13-20	deorge L. Durin and Nancy W. Durin, husband and wife	Chesapeake Appalachia, L.L.C.	14.00%	807/294
3)	06-T9-20 44	Charles Porter and Sarah Ann Porter	SWN Production Company, LLC	18.00%	883/291
- 5/	00 13 20111	Phillip J. Marguart and Kersten Lynn Marguart, husband	Chesapeake Appalachia, L.L.C.		808/41
4)	6-T9-20.45	and property less generally become a sound and sound to the second	SWN Production Company, LLC	18.00%	883/291
		Donna M. Dunn, AKA Donna K. Dunn, a married woman dealing in			
		her sole and separate property, and Patricia R. Kirchner, a single	Chesapeake Appalachia, L.L.C.		810/50
5)	6-T9-20.18		SWN Production Company, LLC	18.00%	883/156
-	<u> </u>	Patricia R. Kirchner, a single woman by Tracy E. Richmond			
6)	6-T9-20.52	as POA	SWN Production Company, L.L.C.	14.00%	948/235
		Donna M. Dunn, a married woman dealing in her sole and			
		separate property	SWN Production Company, L.L.C.	14.00%	929/366
			Chesapeake Appalachia, L.L.C.		810/575
7)	6-T9-20.39	Patricia R. Kirchner, single	SWN Production Company, LLC	18.00%	883/180
			Chesapeake Appalachia, L.L.C.		810/664
8)	6-T9-20.16	James E. Dunn and Donna M. Dunn	SWN Production Company, LLC	18.00%	883/156
			Chesapeake Appalachia, L.L.C.		810/664
9)	6-T9-20.8	James E. Dunn and Donna M. Dunn	SWN Production Company, LLC	18.00%	883/156
			Chesapeake Appalachia, L.L.C.		877/525
10)	06-T9-20.11	David A. Williams and Janie G. Williams, husband and wife	SWN Production Company, LLC	16.00%	895/477



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, L.L.C., Operator Charles Frye OHI 610H

Ohio County, West Virginia

11) 6-T9-20.51 husband and wife SWN Production Company, LLC. 18.00% 883/24. 12) 6-T9-20.41 Sarah Ann Porter and Charles Porter, her husband SWN Production Company, LLC. 16.00% 919/66. Nancy Dunn, a married woman dealing in her sole and Chesapeake Appalachia, L.L.C. 815/24. 13) 6-T9-20.2 separate property SWN Production Company, LLC 18.00% 883/22. 14) 6-T9-20.36 Thomas Posey and K.A. Posey SWN Production Company, LLC 18.00% 884/24. 15) 6-T9-20.42 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24. 16) 6-T9-20.43 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24. 17) 6-T9-20.27 Thomas Posey & Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 939/32. 18) 6-T9-20.29 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47. 20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife SWN Production Company, LLC. 17.00% 895/47. Chesapeake Appalachia, L.L.C. 878/52. 21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC. 17.00% 895/47. Chesapeake Appalachia, L.L.C. 17.00% 895/46.			Onlo County, West	· in Birlina		
Nancy Dunn, a married woman dealing in her sole and Chesapeake Appalachia, L.L.C. 815/24. Nancy Dunn, a married woman dealing in her sole and Chesapeake Appalachia, L.L.C. 815/24. SWN Production Company, LLC 18.00% 883/22: 6-T9-20.25 Separate property SWN Production Company, LLC 18.00% 884/24. Chesapeake Appalachia, L.L.C. 818/31 SWN Production Company, LLC 18.00% 884/24. Chesapeake Appalachia, L.L.C. 818/31 SWN Production Company, LLC 18.00% 884/24. Chesapeake Appalachia, L.L.C. 818/31 SWN Production Company, LLC 18.00% 884/24. Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24. Chesapeake Appalachia, L.L.C. 818/31 SWN Production Company, LLC 18.00% 939/32: 884/24. Chesapeake Appalachia, L.L.C. 888/32. Chesapeake Appalachia, L.L.C. 795/55/ SWN Production Company, LLC 14.00% 885/52. Chesapeake Appalachia, L.L.C. 795/55/ SWN Production Company, LLC 14.00% 885/52. Chesapeake Appalachia, L.L.C. 795/55/ SWN Production Company, LLC 17.00% 895/47/ Chesapeake Appalachia, L.L.C. 17.00% 35/669 Chesapeake Appalachia, L.L.C. 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52: 878/52:		-	Herbert Lynn Richardson and Clara Eileen Richardson,	Chesapeake Appalachia, L.L.C.		814/487
Nancy Dunn, a married woman dealing in her sole and Chesapeake Appalachia, L.L.C. 815/24. 13) 6-T9-20.2 separate property SWN Production Company, LLC 18.00% 833/22. 14) 6-T9-20.36 Thomas Posey and K.A. Posey SWN Production Company, LLC 18.00% 884/24. 15) 6-T9-20.42 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24. 16) 6-T9-20.43 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24. 17) 6-T9-20.27 Thomas Posey & Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 939/32. Chesapeake Appalachia, L.L.C. 18.00% 939/32. Chesapeake Appalachia, L.L.C. 795/55. 18) 6-T9-20.50 George L. Dunn and Nancy M. Dunn, husband and wife SWN Production Company, LLC 14.00% 885/52. Chesapeake Appalachia, L.L.C. 795/55. 18) 6-T9-20.23 Stanley C. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47. 20) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC. 17.00% 35/669. Chesapeake Appalachia, L.L.C. 878/52. 21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC. 17.00% 895/47. Chesapeake Appalachia, L.L.C. 878/52. 22) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC. 16.00% 895/46. Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/52.	11)	6-T9-20.51	husband and wife	SWN Production Company, LLC	18.00%	883/243
131 6-T9-20.2 separate property SWN Production Company, LLC 18.00% 883/221	12)	6-T9-20.41	Sarah Ann Porter and Charles Porter, her husband	SWN Production Company, L.L.C.	16.00%	919/665
131 6-T9-20.2 separate property SWN Production Company, LLC 18.00% 883/221						
Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 885/52 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 35/669 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake App			Nancy Dunn, a married woman dealing in her sole and	Chesapeake Appalachia, L.L.C.		815/243
14) 6-T9-20.36 Thomas Posey and K.A. Posey SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 818/31 15) 6-T9-20.42 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 818/31 16) 6-T9-20.43 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24: 17) 6-T9-20.27 Thomas Posey & Katherine A. Posey, husband and wife SWN Production Company, LLC. 18.00% 884/24: 17) 6-T9-20.27 Thomas Posey & Katherine A. Posey, husband and wife SWN Production Company, LLC. 18.00% 885/52: Chesapeake Appalachia, L.L.C. 795/55: SWN Production Company, LLC 14.00% 885/52: Chesapeake Appalachia, L.L.C. 878/52: SWN Production Company, LLC 17.00% 895/47: Chesapeake Appalachia, L.L.C. 17.00% 895/47: Chesapeake Appalachia, L.L.C. 17.00% 895/47: Chesapeake Appalachia, L.L.C. 17.00% 895/46: Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/52: Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/46: Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/46: Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/46: Chesapeake Appalachia, L.L.C. 880/144 20) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/46: Chesapeake Appalachia, L.L.C. 880/144 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 880/144 Chesapeake Appalachia, L.L.C. 880/144 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 880/144 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 880/144 Chesapeake Appalachia, L.L.C. 880/144 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 880/144 Chesapeake Appalachia, L.L.C. 880/144 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	13)	6-T9-20.2	separate property	SWN Production Company, LLC	18.00%	883/228
Chesapeake Appalachia, L.L.C. 1818/31 15) 6-T9-20.42 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 818/31 16) 6-T9-20.43 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24 17) 6-T9-20.27 Thomas Posey & Katherine A. Posey, husband and wife SWN Production Company, LLC. 18.00% 939/32! Chesapeake Appalachia, L.L.C. 795/55(SWN Production Company, LLC 18.00% 885/52(Chesapeake Appalachia, L.L.C. 878/52! 19) 6-T9-20.29 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47: 20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife SWN Production Company, LLC. 17.00% 895/47: Chesapeake Appalachia, L.L.C. 878/52! 21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC. 17.00% 895/47: Chesapeake Appalachia, L.L.C. 878/52! 21) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC 16.00% 895/46: Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528				Chesapeake Appalachia, L.L.C.		818/27
15) 6-T9-20.42 Thomas Posey and Katherine A. Posey, husband and wife Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 18.00% 884/24 17) 6-T9-20.27 Thomas Posey & Katherine A. Posey, husband and wife SWN Production Company, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C. 795/55 18) 6-T9-20.50 George L. Dunn and Nancy M. Dunn, husband and wife SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 14.00% 885/52 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/47 20) 6-T9-20.23 Stanley C. Baker and Dolores E. Baker, husband and wife SWN Production Company, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 795/55 Chesapeake Appalachia, L.L.C. 878/52 20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 77.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 77.00% 895/47 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/46 Chesapeake Appalachia, L.L.C. 800/148 20) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 16.00% 895/46	14)	6-T9-20.36	Thomas Posey and K.A. Posey	SWN Production Company, LLC	18.00%	884/241
Chesapeake Appalachia, L.L.C. 16. 6-T9-20.43 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24 17) 6-T9-20.27 Thomas Posey & Katherine A. Posey, husband and wife SWN Production Company, L.L.C. Chesapeake Appalachia, L.L.C. 795/556 18) 6-T9-20.50 George L. Dunn and Nancy M. Dunn, husband and wife SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 878/529 Chesapeake Appalachia, L.L.C. SWN Production Company, LLC 17.00% 895/477 20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife SWN Production Company, L.L.C. Chesapeake Appalachia, L.L.C. 878/529 Chesap	-			Chesapeake Appalachia, L.L.C.		818/31
16) 6-T9-20.43 Thomas Posey and Katherine A. Posey, husband and wife SWN Production Company, LLC 18.00% 884/24: 17) 6-T9-20.27 Thomas Posey & Katherine A. Posey, husband and wife SWN Production Company, LLC. 18.00% 939/32: Chesapeake Appalachia, L.L.C. 795/556 SWN Production Company, LLC 14.00% 885/52: Chesapeake Appalachia, L.L.C. 878/52: SWN Production Company, LLC 17.00% 895/47: SWN Production Company, LLC 17.00% 895/47: SWN Production Company, LLC 17.00% 35/669 Chesapeake Appalachia, L.L.C. 878/52: Chesapeake Appalachia, L.L.C. 17.00% 35/669 Chesapeake Appalachia, L.L.C. 878/52: SWN Production Company, LLC 17.00% 895/47: Chesapeake Appalachia, L.L.C. 878/52: SWN Production Company, LLC 17.00% 895/47: Chesapeake Appalachia, L.L.C. 880/148 Chesapeake Appalachia, L.L.C. 880/148 SWN Production Company, LLC 16.00% 895/46: Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528	15)	6-T9-20.42	Thomas Posey and Katherine A. Posey, husband and wife	SWN Production Company, LLC	18.00%	884/241
Chesapeake Appalachia, L.L.C. 18.00% 939/329 Chesapeake Appalachia, L.L.C. 795/550 SWN Production Company, LLC Chesapeake Appalachia, L.L.C. 795/550 Chesapeake Appalachia, L.L.C. 878/529 Chesapeake Appalachia, L.L.C. 878/529 Chesapeake Appalachia, L.L.C. 878/529 Chesapeake Appalachia, L.L.C. 878/529 20) 6-T9-20.23 Stanley C. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC. Chesapeake Appalachia, L.L.C. 795/550 Chesapeake Appalachia, L.L.C. 878/529 Chesapeake Appalachia, L.L.C. 880/140 Chesapeake Appalachia, L.L.C. 8815/520	Allend			Chesapeake Appalachia, L.L.C.		818/31
Chesapeake Appalachia, L.L.C. 795/550 18) 6-T9-20.50 George L. Dunn and Nancy M. Dunn, husband and wife SWN Production Company, LLC 14.00% 885/520 Chesapeake Appalachia, L.L.C. 878/520 Chesapeake Appalachia, L.L.C. 878/520 19) 6-T9-20.29 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/470 20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife SWN Production Company, L.L.C. 17.00% 35/669 Chesapeake Appalachia, L.L.C. 878/520 Chesapeake Appalachia, L.L.C. 878/520 Chesapeake Appalachia, L.L.C. 880/140 Chesapeake Appalachia, L.L.C. 880/140 Chesapeake Appalachia, L.L.C. 880/140 Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/520	16)	6-T9-20.43	Thomas Posey and Katherine A. Posey, husband and wife	SWN Production Company, LLC	18.00%	884/241
18) 6-T9-20.50 George L. Dunn and Nancy M. Dunn, husband and wife SWN Production Company, LLC 14.00% 885/524 Chesapeake Appalachia, L.L.C. 878/52! 19) 6-T9-20.29 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47: 20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife SWN Production Company, L.L.C. 17.00% 35/669 Chesapeake Appalachia, L.L.C. 878/52! 21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47: Chesapeake Appalachia, L.L.C. 880/148 22) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC 16.00% 895/46: Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528	17)	6-T9-20.27	Thomas Posey & Katherine A. Posey, husband and wife	SWN Production Company, L.L.C.	18.00%	939/325
18) 6-T9-20.50 George L. Dunn and Nancy M. Dunn, husband and wife SWN Production Company, LLC 14.00% 885/524 Chesapeake Appalachia, L.L.C. 878/52! 19) 6-T9-20.29 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47: 20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife SWN Production Company, L.L.C. 17.00% 35/669 Chesapeake Appalachia, L.L.C. 878/52! 21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47: Chesapeake Appalachia, L.L.C. 880/148 22) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC 16.00% 895/46: Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528						
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19) 6-T9-20.29 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/477 20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife SWN Production Company, L.L.C. 17.00% 35/669 Chesapeake Appalachia, L.L.C. 878/529 21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/477 Chesapeake Appalachia, L.L.C. 880/148 22) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC 16.00% 895/462 Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528	18)	6-T9-20.50	George L. Dunn and Nancy M. Dunn, husband and wife	SWN Production Company, LLC	14.00%	885/524
20) 6-T9-20.23 Stanley C. Baker and Suzanne Baker, husband and wife SWN Production Company, L.L.C. 17.00% 35/669 Chesapeake Appalachia, L.L.C. 878/52! 21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47: Chesapeake Appalachia, L.L.C. 880/148 Chesapeake Appalachia, L.L.C. 880/148 22) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC 16.00% 895/462 Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528				Chesapeake Appalachia, L.L.C.		878/525
Chesapeake Appalachia, L.L.C. 21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47. Chesapeake Appalachia, L.L.C. 880/148 Chesapeake Appalachia, L.L.C. 880/148 Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528	19)	6-T9-20.29	Delbert R. Baker and Dolores E. Baker, husband and wife	SWN Production Company, LLC	17.00%	895/477
21) 6-T9-20.31 Delbert R. Baker and Dolores E. Baker, husband and wife SWN Production Company, LLC 17.00% 895/47. Chesapeake Appalachia, L.L.C. 880/148. 22) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC 16.00% 895/46. Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528	20)	6-T9-20.23	Stanley C. Baker and Suzanne Baker, husband and wife	SWN Production Company, L.L.C.	17.00%	35/669
Chesapeake Appalachia, L.L.C. 22) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 880/148 895/462				Chesapeake Appalachia, L.L.C.		878/525
22) 6-T9-20.12 Jody H. Usenick f/k/a Jody H. Orth, a single woman SWN Production Company, LLC 16.00% 895/462 Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528	21)	6-T9-20.31	Delbert R. Baker and Dolores E. Baker, husband and wife	SWN Production Company, LLC	17.00%	895/477
Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and Chesapeake Appalachia, L.L.C. 815/528				Chesapeake Appalachia, L.L.C.		880/148
l a la	22)	6-T9-20.12	Jody H. Usenick f/k/a Jody H. Orth, a single woman	SWN Production Company, LLC	16.00%	895/462
l a la						
23) 6-T9-20.33 wife SWN Production Company, LLC 18.00% 884/24:			,			815/528
	23)	6-T9-20.33	wife	SWN Production Company, LLC	18.00%	884/241

No previous

Office of Oil and Gas
MAY 1 7 2019
Environmental Protection

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, L.L.C., Operator
Charles Frye OHI 610H
Ohio County, West Virginia

					045/540
		Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and	• • • • • • • • • • • • • • • • • • • •		815/540
24)	6-T9-20.7	wife	SWN Production Company, LLC	18.00%	884/241
		Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and	Chesapeake Appalachia, L.L.C.		815/536
25)	6-T9-20.4	wife	SWN Production Company, LLC	18.00%	884/241
		Thomas C. Gantzer, Jr. and Victoria S. Gantzer, husband and	Chesaneake Annalachia III C		815/532
261	C TO 20 40		SWN Production Company, LLC	18.00%	885/284
26)	6-T9-20.40	wife	Chesapeake Appalachia, L.L.C.	16.00%	872/289
o=\	C TO 20 40	Corner Edward Branchesses a single man	SWN Production Company, LLC	18.00%	884/349
27)	6-19-20.10	Gregg Edward Bambarger, a single man	NPAR. LLC	18.00%	807/570
			• • • • • • • • • • • • • • • • • • • •		•
			Chevron U.S.A. Inc.		827/269
		Jeffrey D. McKenzie and Francine M. McKenzie, husband	Chesapeake Appalachia, L.L.C.		867/713
28)	6-T14-12	and wife	SWN Production Company, LLC	18.00%	885/308
			Chesapeake Appalachia, L.L.C.		846/113
29)	6-T14-24.1	AMC, Inc.	SWN Production Company, LLC	18.00%	885/404
			Chesapeake Appalachia, L.L.C.		863/264
30)	6-T14-24	Gregory S. Edwards Leasing, Inc.	SWN Production Company, LLC	18.00%	884/385
	Wheeling	West Virginia, Department of Transportation, Division of	Chesapeake Appalachia, L.L.C.		857/213
31)	Run Road	Highways	SWN Production Company, LLC	18.00%	884/289
			Great Lakes Energy Partners, L.L.C.		776/262
			Chesapeake Appalachia, L.L.C.		808/549
32)	6-T14-23.4	John W. Orum, Jr. and Agnes A. Orum, his wife	SWN Production Company, LLC	12.50%	883/204
,		Douglas Brian Orum, a single man			
33)	6-T14-23.9		SWN Production Company, L.L.C.	18.00%	924/566
		Douglas Brian Orum, a single man			
34)	6-T14-23.5		SWN Production Company, L.L.C.	18.00%	924/566



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, L.L.C., Operator Charles Frye OHI 610H

Ohio County, West Virginia

	***************************************		Great Lakes Energy Partners, L.L.C.		776/262
-			Chesapeake Appalachia, L.L.C.		808/549
35)	6-T14-23.1	John W. Orum, Jr. and Agnes A. Orum, his wife	SWN Production Company, LLC	12.50%	883/204
			Great Lakes Energy Partners, L.L.C.		776/651
			Chesapeake Appalachia, L.L.C.		808/549
36)	6-T14-23	Bertie Helen Orum, widow	SWN Production Company, LLC	12.50%	883/192
<u> </u>			Great Lakes Energy Partners, L.L.C.		776/651
			Chesapeake Appalachia, L.L.C.		808/549
37)	6-T14-23.10	Bertie Helen Orum, widow	SWN Production Company, LLC	12.50%	883/192



4706900280 06/14/2019

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

May 3, 2019

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

RE: SWN's proposed well: Charles Frye OHI 610H in Ohio County, West Virginia, Drilling under Marlow's Run Road, Jenkins Lane, and Orrs Run.

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 Marlow's Run Road, Jenkins Lane, and Orrs Run. 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,

Travis E. Hill, CPL

Staff Landman

SWN Production Company, LLC

Office of Oil and Gas

MAY I 7 2019

Environmental Protection

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4706900286 swn produ<mark>06/14/20119</mark>

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

May 16, 2019

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

RE: Proposed Modification: Charles Frye OHI 610H

Dear Ms. Adkins

Enclosed please find the updated 6B, casing program, WBD, mylar plat, 6A1 and road letter for the above captioned well. We are extending the lateral. This well is situated on the Frye's property, in Triadelphia District, Ohio County, West Virginia.

If you have any questions or desire additional information, please me at 304-884-1613

Thank you.

Sincerely,

Brittany Woody

Senior Regulatory Analyst

Southwestern Energy Production Company, LLC

RECEIVED
Office of Oil and Gas

MAY 17 2019

WV Department of Environmental Protection