



---

west virginia department of environmental protection

---

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Wednesday, May 3, 2023  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

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

Re: Permit Modification Approval for VERNON JOHNSON WTZ 201H  
47-103-03519-00-00

Revising 6A1

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.

A blue ink signature of James A. Martin, written in a cursive style.

James A. Martin  
Chief

Operator's Well Number: VERNON JOHNSON WTZ 201H  
Farm Name: VERNON S JOHNSON ESTATE  
U.S. WELL NUMBER: 47-103-03519-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 05/03/2023

Promoting a healthy environment.

05/05/2023

CK # 1073936  
4/11/23  
\$5,000.00

*Expedited Mod*

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

1) Well Operator: SWN Production Co., LLC 494512924 103-Wetzel 3-Clay 438-Littleton  
Operator ID County District Quadrangle

2) Operator's Well Number: Vernon Johnson Wtz 201H Well Pad Name: Vernon Johnson Wtz

3) Farm Name/Surface Owner: Vernon S. Johnson Estate Public Road Access: Rice Ridge Road

4) Elevation, current ground: 1432' Elevation, proposed post-construction: 1432'

5) Well Type (a) Gas  Oil \_\_\_\_\_ Underground Storage \_\_\_\_\_  
Other \_\_\_\_\_ RECEIVED  
Office of Oil and Gas

(b) If Gas Shallow  Deep \_\_\_\_\_  
Horizontal  APR 19 2023

6) Existing Pad: Yes or No Yes WV Department of Environmental Protection

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Target Formation- Marcellus, Up-Dip well to the North, Target Top TVD- 7650', Target Base TVD- 7701', Anticipated Thickness- 51', Associated Pressure- 5005

8) Proposed Total Vertical Depth: 7680'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 27385'

11) Proposed Horizontal Leg Length: 17555.09'

12) Approximate Fresh Water Strata Depths: 440'

13) Method to Determine Fresh Water Depths: Salinity Profile and Nearby Logs from Vernon Johnson Wtz 10H API 47-103-02714

14) Approximate Saltwater Depths: 1795' Salinity Profile analysis and nearby logs

15) Approximate Coal Seam Depths: 1277'

16) Approximate Depth to Possible Void (coal mine, karst, other): None that we are aware of.

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes \_\_\_\_\_ No

(a) If Yes, provide Mine Info: Name: \_\_\_\_\_  
Depth: \_\_\_\_\_  
Seam: \_\_\_\_\_  
Owner: \_\_\_\_\_

05/05/2023

18) CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	136'	136' ✓	CTS
Fresh Water	13 3/8"	New	J-55	54.5#	540'	540' ✓	618 sx/CTS
Coal	See	Interm	Casing				
Intermediate	9 5/8"	New	J-55	36#	3001'	3001' ✓	1151 sx/CTS
Production	5 1/2"	New	P-110 HP	20#	27385'	27385' ✓	Tail 4738sx/ 100' Inside Intermediate

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

RECEIVED  
Office of Oil and Gas

APR 19 2023

PACKERS

WV Department of  
Environmental Protection

Kind:				
Sizes:				
Depths Set:				

*Stephen McCoy*

05/05/2023

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

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

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

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

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 8.4

22) Area to be disturbed for well pad only, less access road (acres): 5.9

23) Describe centralizer placement for each casing string:

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

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

See Attachment \*\*\*

25) Proposed borehole conditioning procedures:

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

RECEIVED  
Office of Oil and Gas  
JUL 14 2022  
WV Department of  
Environmental Protection

\*Note: Attach additional sheets as needed.

**Southwestern Energy Company**

**Proposed Drilling Program**

Well: VERNON JOHNSON WTZ 201  
 Field: VICTORY FIELD WET  
 County: WETZEL  
 SHL (NAD83): 39.718003 Latitude -80.545803 Longitude  
 BHL (NAD83): 39.756109 Latitude -80.596562 Longitude  
 KB Elev: 1,458 ft MSL KB: 26 ft AGL

Re-entry Rig: SDC 40  
 Prospect: Marcellus Shale  
 State: WV  
 GL Elev: 1,432 ft MSL



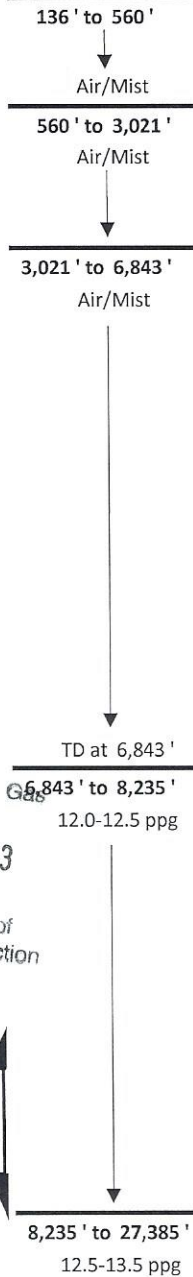
NO COAL VOID EXPECTED

PROD TOC @ 3,001' MD

TUBULAR DETAIL					
Casing String	Casing Size (in)	Weight (Min)	Grade (Min)	Planned Interval	
				From	To
Conductor	20	94.0 #	J-55	0'	136'
Surface	13.375	54.4 #	J-55	0'	540'
Intermediate/Coal	9.625	36.0 #	J-55	0'	3,001'
Production	5.5	20.0 #	P-110 HP	0'	27,385'

**CEMENT DETAIL**

	Sacks	Class	Density
Conductor	173	A	19.3
Surface	618	A	15.6
Intermediate	1151	A	15.6
Production	4738	A	14.5-15.0



KOP at 6,843' MD

Freshwater Depth - 440' TVD

Coal Depth - 1,277' TVD

Saltwater Depth - 1,795' TVD

TVD - 7,680'

TMD - 27,385'

RECEIVED  
 Office of Oil and Gas  
 APR 19 2023  
 WV Department of Environmental Protection

7,675' TVD Target Center

TD at 27,385' MD  
 7,680' TVD

LP at 8,235' MD

SHL Onondaga 7,701' TVD

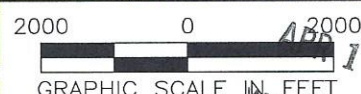
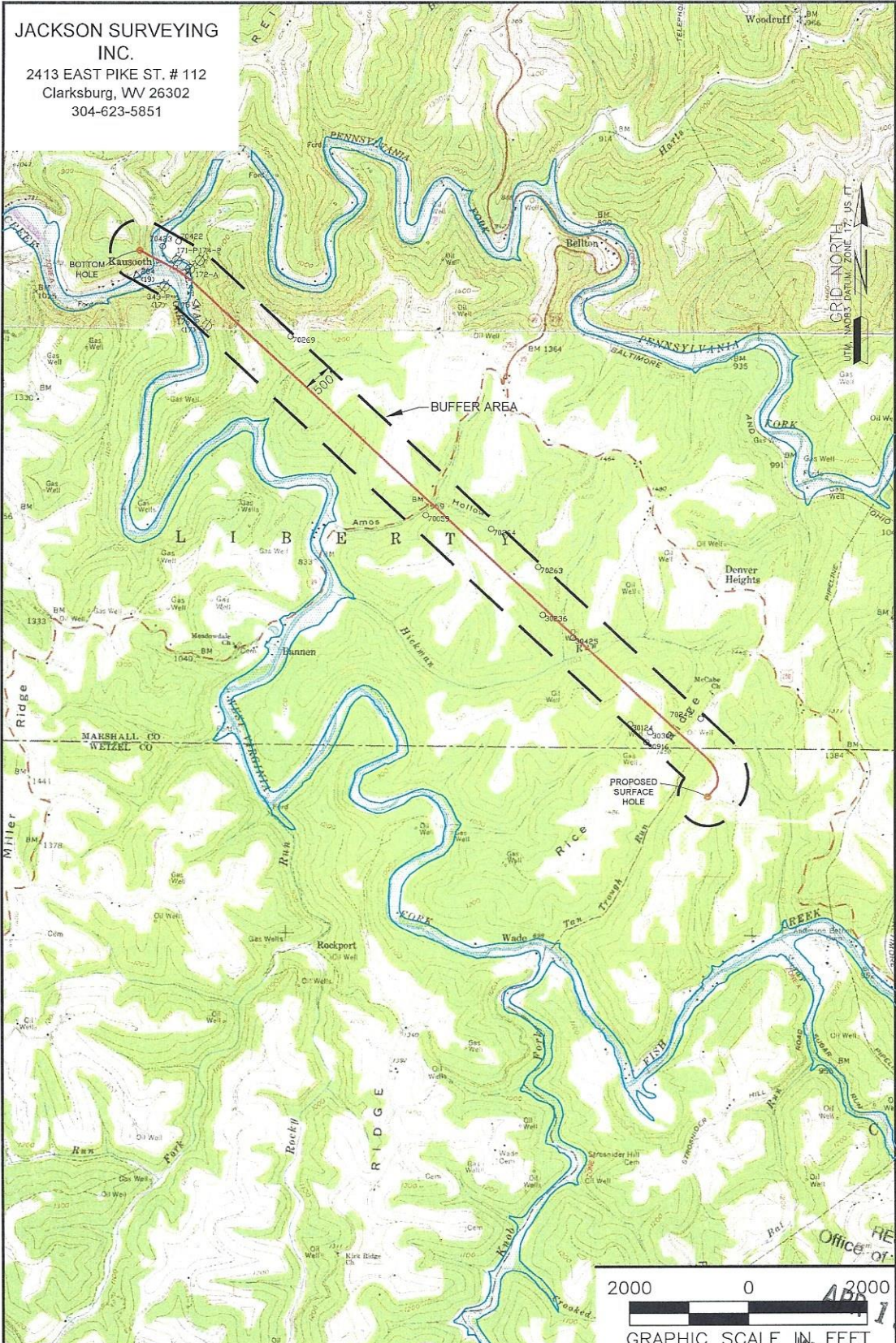
Onondaga 7,706' TVD

8,235' to 27,385'  
 12.5-13.5 ppg

*Stephen Mcco*

05/05/2023

JACKSON SURVEYING  
 INC.  
 2413 EAST PIKE ST. # 112  
 Clarksburg, WV 26302  
 304-623-5851



**NOTES ON SURVEY**

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL \* LANDING POINT LOCATION
- FLOOD FLAIN
- PUBLIC ROAD
- ACCESS ROAD TO SURFACE
- == LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: VERNON JOHNSON WTZ	WELL # 201H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE WETZEL - 103	DISTRICT; CLAY	
SURFACE OWNER: VERNON S. JOHNSON ESTATE	USCS 7 1/2 QUADRANGLE MAP NAME LITTLETON, WV	API #: 47-103-	

Z:\2022 BACKUPS\1-03-22 DJ\SWN\VERNON JOHNSON\VERNON JOHNSON\WELL PLAT\201H\FINAL\SWN V JOHNSON MSH 201H 6-24-22\JOHNSON 201H 1174244  
 FRIDAY JUNE 24 2022 08:22AM PROPERTY NUMBER 2501174244 PAD ID 3001155650

RECEIVED  
 Office of Environmental Protection  
 APR 19 2023  
 WV Department of Environmental Protection

05/05/2023

Vernon Johnson Wtz 201H AOR

API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
051-30916	Unknown	Unknown	***	***	Unknown	Unknown	***
051-30309	Unknown	Unknown	***	***	3,354	Gordon	***
051-70242	Unknown	Unknown	***	***	Unknown	Unknown	***
051-30124	Unknown	Unknown	***	***	3,292	Gordon	***
051-30425	Unknown	Unknown	***	***	Unknown	Unknown	***
051-30236	Unknown	Unknown	***	***	3,200	4th Sand	***
051-70263	Unknown	Unknown	***	***	Unknown	Unknown	***
051-70264	Unknown	Unknown	***	***	Unknown	Unknown	***
051-70269	Unknown	Unknown	***	***	Unknown	Unknown	***
051-00176	Unknown	Plugged	***	***	471	Unknown	***
051-00175	Columbia Gas Transmission, LLC	Active/Storage	39.751842	-80.591788	1,662	Maxton	***
051-00174	Columbia Gas Transmission, LLC	Plugged	39.754745	-80.591601	1,582	Big Lime	***
051-00172	Columbia Gas Transmission, LLC	Abandoned	39.754165	-80.592540	Unknown	Unknown	***
051-00171	Columbia Gas Transmission, LLC	Plugged	39.7546	-80.593481	2,623	5th Sand	***
051-00284	Unknown	Plugged	39.754455	-80.596301	2,608	5th Sand	***
051-00343	Unknown	Plugged	39.753294	-80.594421	1,870	Big injun	***
051-70422	Unknown	Unknown	***	***	Unknown	Unknown	***
051-70423	Unknown	Unknown	***	***	Unknown	Unknown	***
051-70059	Unknown	Unknown	***	***	3,288	4th Sand	***

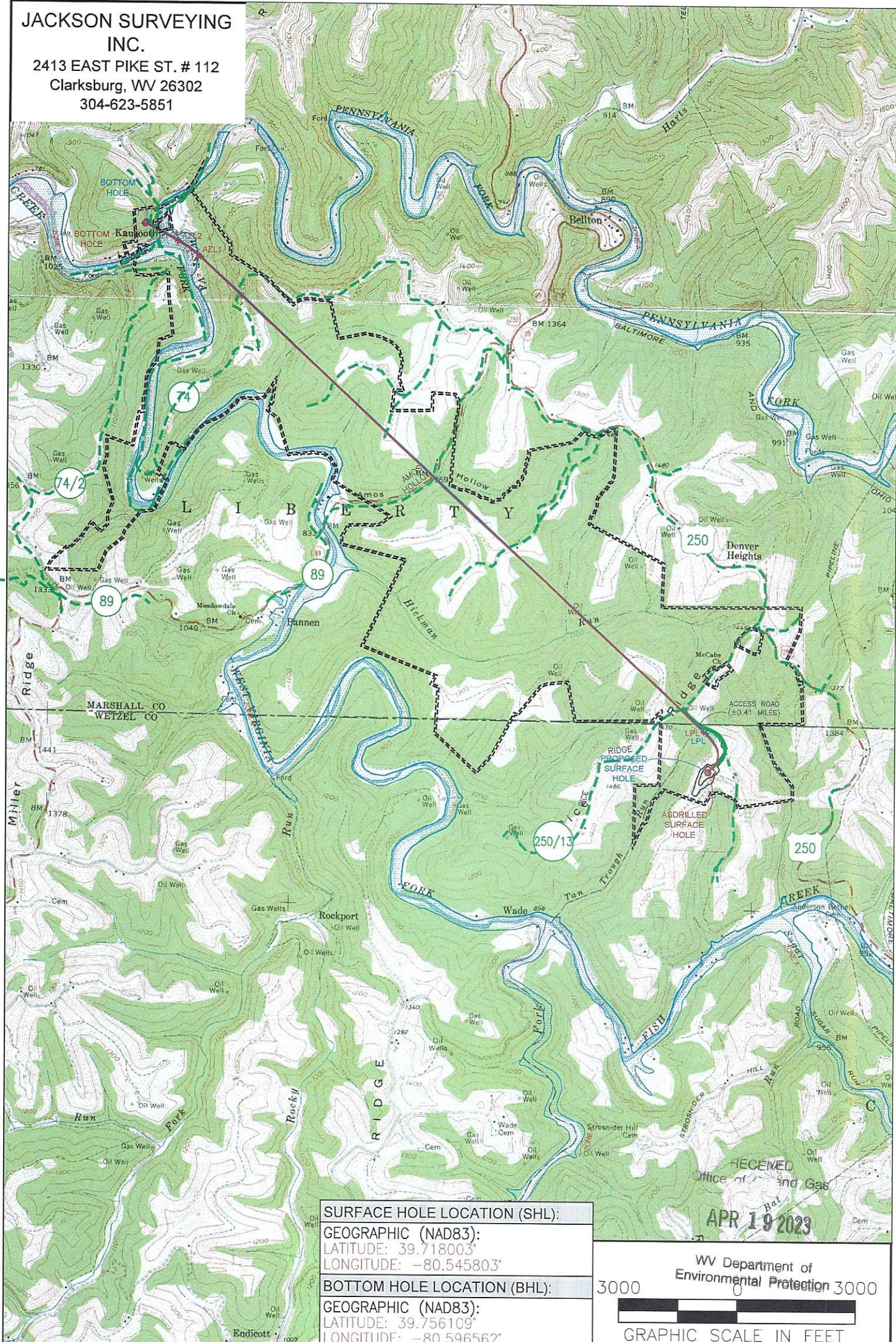
4710303519

RECEIVED  
Office of Oil and Gas  
JUL 14 2022  
V. Vernon Johnson  
Environmental Protection

05/05/2023

**JACKSON SURVEYING  
INC.**

2413 EAST PIKE ST. # 112  
Clarksburg, WV 26302  
304-623-5851



**SURFACE HOLE LOCATION (SHL):**  
GEOGRAPHIC (NAD83):  
LATITUDE: 39.718003°  
LONGITUDE: -80.545803°

**BOTTOM HOLE LOCATION (BHL):**  
GEOGRAPHIC (NAD83):  
LATITUDE: 39.756109°  
LONGITUDE: -80.596562°

3000 WV Department of Environmental Protection 3000

APR 19 2023

GRAPHIC SCALE IN FEET

- NOTES ON SURVEY**
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
  2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
  3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊙ EXISTING / PRODUCING WELLHEAD
- LPL ✖ LANDING POINT LOCATION
- 🌊 FLOOD PLAIN
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- === LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> VERNON JOHNSON WTZ	<b>WELL #</b> 201H	<b>SERIAL #</b>
<b>ADDRESS:</b> 1300 FORT PIERPONT ROAD SUITE 200 MORGANTOWN, WV 26308	<b>COUNTY - CODE</b> WETZEL - 103	<b>DISTRICT;</b> CLAY	
<b>SURFACE OWNER:</b> VERNON S. JOHNSON ESTATE	<b>USGS 7 1/2 QUADRANGLE MAP NAME</b> LITTLETON, WV	<b>API #:</b> 047-103-03519	



**JACKSON SURVEYING  
INC.**

2413 EAST PIKE ST. # 112  
Clarksburg, WV 26302  
304-623-5851

Latitude: 39°47'30" **BOTTOM HOLE 3,717'**

Latitude: 39°45'00" **SURFACE HOLE 1,163'**

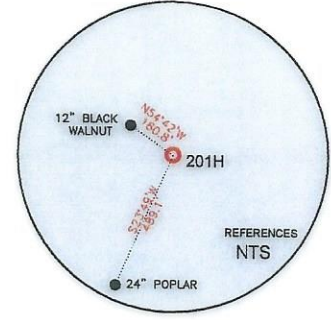
<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,396,557.562 EASTING: 538,929.144
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,396,859.073 EASTING: 538,916.288
<b>AZIMUTH POINT LOCATION-1 (AZL1):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,511.819 EASTING: 534,992.336
<b>AZIMUTH POINT LOCATION-2 (AZL2):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,640.000 EASTING: 534,814.095
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,773.140 EASTING: 534,568.807

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 12°44'22" E	3338.67'	SHL TO LANDMARK	30" POPLAR FOUND
L2	S 11°07'24" E	568.14'	SHL TO LANDMARK	LARGE POST FOUND
L5	N 61°50'49" W	936.34'	AZL2 TO BHL	

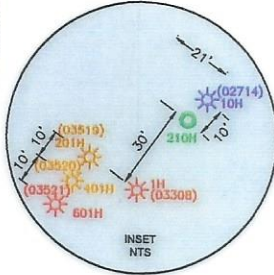
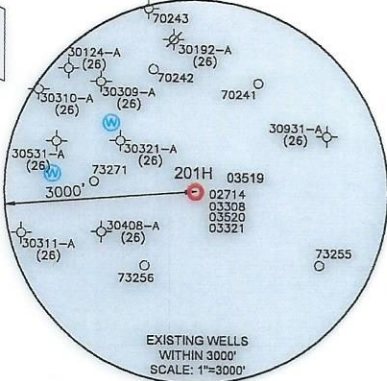
  

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 06°29'38" W	1031.92'	1,266.97'	SHL TO LP
L4	N 55°21'37" W	663.39'	664.53'	AZL1 TO AZL2

<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,396,557.634 EASTING: 538,929.207
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,396,870.147 EASTING: 538,893.634
<b>AZIMUTH POINT LOCATION-1 (AZL1):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,516.507 EASTING: 534,977.623
<b>AZIMUTH POINT LOCATION-2 (AZL2):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,631.441 EASTING: 534,811.262
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,776.099 EASTING: 534,559.631



GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT



**WELL RESTRICTIONS**

- NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

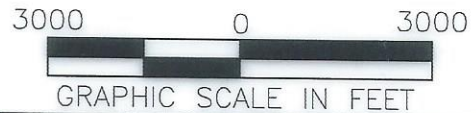
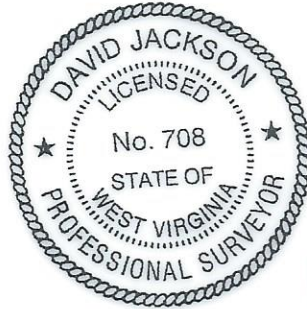
**NOTES ON SURVEY**

- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- ALL INSETS ARE GRID NORTH UNLESS OTHERWISE SPECIFIED.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708

*David L Jackson*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

COMPANY: **SWN** Production Company, LLC

OPERATOR'S WELL #: VERNON JOHNSON WTZ 201H  
API WELL #: 47 103 03519  
STATE COUNTY PERMIT

WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: WEST VIRGINIA FORK FISH CREEK (HUC-10) ELEVATION: 1,431.6'

DISTRICT: CLAY COUNTY: WETZEL QUADRANGLE: LITTLETON, WV

SURFACE OWNER: VERNON S. JOHNSON ESTATE ACREAGE: ±132.00

OIL & GAS ROYALTY OWNER: AMP FUND III; LP: ALICE M. ABEREGG; ELLEN ABEREGG; JAMES J. ABEREGG; KEITH ABEREGG; BRIAN E. BUTLER; RED STONE RESOURCES, LLC; JAMES STONEKING ACREAGE: ±132.00

DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION

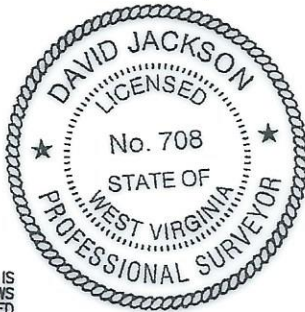
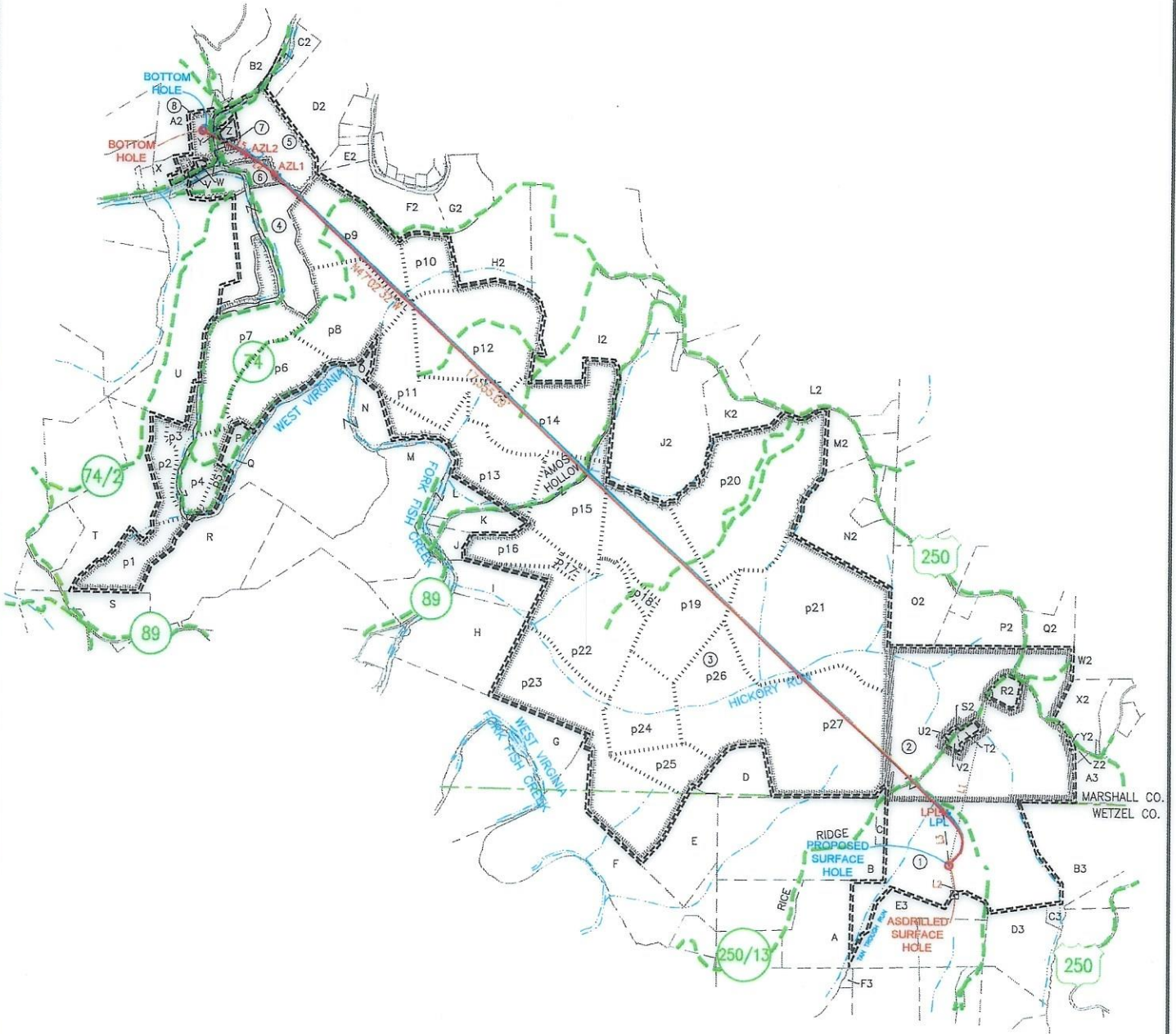
CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) MODIFICATION

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,660 TMD 27,365 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY  
ADDRESS: 1300 FORT PIERPONT ROAD SUITE 200 ADDRESS: 1300 FORT PIERPONT ROAD SUITE 200  
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

<b>LEGEND:</b>	— SURVEYED BOUNDARY	REVISIONS:	DATE: 04-14-2023
● PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊙ EXISTING / PRODUCING WELLHEAD	== LEASE BOUNDARY		
LPL* LANDING POINT LOCATION	— ASDRILLED PATH		DRAWN BY: N. MANO
⊙ EXISTING WATER WELL	— PROPOSED PATH		SCALE: 1" = 3000'
⊙ EXISTING SPRING	AZL* AZIMUTH POINT LOCATION		DRAWING NO:
			WELL LOCATION PLAT

JACKSON SURVEYING  
 INC.  
 2413 EAST PIKE ST. # 112  
 Clarksburg, WV 26302  
 304-623-5851



..... INTERIOR PARCEL LINE  
 TRACT 7-24-1  
 # INTERIOR PARCEL ID  
 TRACT 7-24-1



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708

*David L Jackson*

05/05/2023

REVISIONS:	COMPANY:		
		OPERATOR'S	VERNON JOHNSON WTZ
		WELL #:	201H
		DISTRICT:	COUNTY:
		CLAY	WETZEL
		STATE:	DATE:
		WV	04-14-2023
		API #:	DRAWN BY:
		047-103-03519	N. MANO
			SCALE: 1" = 3000'
			DRAWING NO:
			WELL LOCATION PLAT 2



**JACKSON SURVEYING  
INC.**

2413 EAST PIKE ST. # 112  
Clarksburg, WV 26302  
304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	
1	JOHNSON VERNON S EST (S)/ AMP FUND III; LP; ALICE M. ABEREGG; ELLEN ABEREGG; JAMES J. ABEREGG; KEITH ABEREGG, BRIAN F. BUTLER; RED STONE RESOURCES, LLC; JAMES STONEKING (R)	03-01-01
TRACT	SURFACE OWNER (S)	
2	PRENDERGAST MICHAEL J & SUELLEN LEMLEY (S)	07-23-26
3	W VA WILDLIFE RESOURCES SECTION (S)	07-24-01
4	FROMHART BRAD ET UX - LIFE (S)	07-20-41
5	UNDERDONK ALAN (S)	07-16-25.1
6	FROMHART BRAD ET UX - LIFE (S)	07-20-01
7	MARLING SUELLEN (S)	07-20-03
8	CUMPSTON GAIL (S)	07-19-20

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WILLIAMS JOHN EDWARD	01-03-09
B	ABEREGG D W EST & ABEREGG WILLIAM D ETAL L/E ABEREGG DA	01-03-02
C	LONG LONNY DAVID & LINDA SUE	01-03-2.1
D	WADE MICHAEL CLAY & MCELLEND LAWRENCE W - TOD ETAL	07-24-06
E	WILLIAMS KATHERINE E TRUST	01-03-01
F	SEIDLER EARL DALE & NETTIE	01-02-6.1
G	VELLEKOOP PETER B ET UX - TOD	07-27-13
H	VELLEKOOP PETER B ET UX - TOD	07-27-11
I	VELLEKOOP PETER B ET UX - TOD	07-27-10.1
J	VELLEKOOP PETER B ET UX - TOD	07-26-6.2
K	VELLEKOOP PETER B ET UX - TOD	07-26-6.1
L	GEDEON DANIEL D ET UX	07-26-06
M	YOCUM JOSEPH LEE & MICHAEL D	07-26-09
N	CONSOLIDATED GAS SUPPLY CORP	07-26-08
O	BUZZARD COLIN R	07-26-03
P	HUNDRED RESOURCES INC	07-26-11
Q	BUTLER JOHN M & LISA A	07-26-11.1
R	HORNER DELORSE A	07-26-10
S	RIGGS JOHN E JR & DELANA	07-27-02
T	MORGAN JAMES E - LIFE	07-26-14
U	GRIFFEN M PEGGY REVOCABLE LIVING TRUST	07-19-28
V	VUCELICK CHARLES EST	07-19-22
W	SHARPENBERG DALTON & DEREK	07-19-21
X	DRUSCHEL JAMES F & JAMIE ANN ETAL	07-19-23
Y	CONNELLY CHAS E	07-20-05
Z	BURGE JUDITH A & VIRGINIA L BAILEY (S)	07-20-04
A2	CUMPSTON GEORGE R ETAL	07-16-24
B2	BUTLER JOHN MATTHEW	07-16-39
C2	BURGE JUDITH A & VIRGINIA L BAILEY ETAL	07-16-40
D2	BURGE JUDITH A & VIRGINIA L BAILEY ETAL	07-20-06
E2	GEHO ANNIE L EST	07-20-11
F2	BURLEY AMMON ET UX	07-20-12
G2	BURLEY AMMON	07-20-18
H2	BURLEY AMMON A	07-20-24
I2	BURLEY AMON A	07-20-37
J2	GRESHAW JASON M & MARY L	07-25-02
K2	BROWN ANDREW C III	07-25-06
L2	HARRINGTON CLYDE F	07-25-07
M2	W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES	07-25-09
N2	CONAWAY THOMAS EARL JR & CAROLYN K STOWE	07-25-12
O2	CONAWAY THOMAS E	07-23-01
P2	PIERCE ALMA O	07-23-3.1
Q2	PIERCE ALMA O	07-23-04
R2	CONAWAY ROBERT W ET UX	07-23-26.2
S2	RICE RIDGE COMMUNITY CHURCH	07-23-26.1
T2	MCCABE M E CHURCH	07-23-28
U2	RICE RIDGE CEMETERY	07-23-27
V2	MACKAY KATHLEEN & DEBRA POE	07-23-26.3
W2	LUCAS PAUL W LIVING TRUST	07-23-06
X2	GRANT JEFFREY W & VIRGINIA F	07-23-21
Y2	GRANT JEFFREY W ET UX	07-23-22
Z2	BYERLY CHARLES BRADLEY	07-23-24
A3	DISHMAN BOBBY RONALD	07-23-25
B3	PRENDERGAST MICHAEL J & SUE ELLEN	03-01-02
C3	WV MINERALS INC	03-01-03
D3	MILLIKEN KEVIN R ETAL	03-01-04
E3	DRAHEIM HERBERT P ETAL	03-01-06
F3	CBC HOLDINGS LLC	03-01-8.1

05/05/2023

REVISIONS:	COMPANY:		 	
	OPERATOR'S	VERNON JOHNSON WTZ	API #:	DATE: 04-14-2023
	WELL #:	201H	047-103-03519	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	CLAY	WETZEL	WV	DRAWING NO: WELL LOCATION PLAT 3

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

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

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

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Exhibit "A"				

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


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

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

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

APR 19 2023  
WV Department of  
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:   
Its: Senior Landman

#	TMP	LESSOR	LESSEE	ROYALTY	BK/PG	Interest Not Leased by SWN Production Company, LLC
1	3-1-1	Alice Driver, f/k/a Alice LeBoda, a single woman	Chesapeake Appalachia, L.L.C.	12.50%	94A/461	0.0000%
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
		Ellen Vannatter, a single woman	Chesapeake Appalachia, L.L.C.	12.50%	94A/464	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
		Carol Staley, f/k/a Carol Butler, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	94A/467	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
		James Joseph Aberegg, a/k/a Joseph Aberegg, a single man	Chesapeake Appalachia, L.L.C.	12.50%	94A/476	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
2	7-23-26	James Denizl Stoneking, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	94A/470	0.0000%
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
		Keith Aberegg, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	94A/473	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		157A/540	
		Michael J. Prendergast, single, and Suellen Lemley, married	TriEnergy, Inc.	12.50%	741/84	
		TriEnergy, Inc.	TriEnergy Holdings, LLC		21/148	
		TriEnergy Holdings, LLC and TriEnergy, Inc.	Chevron U.S.A. Inc.		28/356	
		Chevron U.S.A. Inc.	SWN Production Company, LLC and Statoil USA Onshore Properties Inc.		40/257	
3	7-24-1 pt. 27	Hayhurst Company, a Florida General Partnership	Chesapeake Appalachia, L.L.C.	17.00%	723/624	0.0000%
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		James Edward Doull, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	685/221	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Ernest N. Keller a/k/a Ernest M. Keller and Pearl H. Keller, his wife	Chesapeake Appalachia, L.L.C.	12.50%	683/390	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Robert Lee Keller and Mary Kay Keller, his wife	Chesapeake Appalachia, L.L.C.	12.50%	683/349	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Carolyn Joyce Daugherty, single	Chesapeake Appalachia, L.L.C.	12.50%	684/1	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Neva E. Keller, a widow	Chesapeake Appalachia, L.L.C.	12.50%	688/127	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Donna J. Savage, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	684/117	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		3	7-24-1 pt. 21	Christopher G. Adams and Frica Adams, his wife	Chesapeake Appalachia, L.L.C.	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Derrick H. Adams and Suzanne Adams, his wife	Chesapeake Appalachia, L.L.C.			17.00%	761/395	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Paul Charles Adams, a single man	Chesapeake Appalachia, L.L.C.			17.00%	750/169	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Bruce D. Bonar and Sandra C. Bonar, his wife	Chesapeake Appalachia, L.L.C.			17.00%	751/608	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Lee D. Bonar and Bonnie M. Bonar, his wife	Chesapeake Appalachia, L.L.C.			17.00%	747/270	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Charles W. Bonar and Charlotte L. Bonar, his wife	Chesapeake Appalachia, L.L.C.			17.00%	755/109	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Brian Harris Bonar, Power of Attorney for Katherine L. Bonar, a widow	SWN Production Company, L.L.C.			16.00%	951/337	
Ronald E. Bonar, a single man	Chesapeake Appalachia, L.L.C.			17.00%	754/616	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
The Estate of Richard L. Bonar, by Sandra J. Bonar, acting as Executor and Sandra J. Bonar, a widow	Chesapeake Appalachia, L.L.C.			17.00%	751/167	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
William D. Bonar and Gloria A. Bonar, his wife	Chesapeake Appalachia, L.L.C.			17.00%	746/271	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Arnell Elizabeth Bowser and Glen F. Bowser, her husband	Chesapeake Appalachia, L.L.C.			17.00%	778/28	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Cornelia C. Browne, widow	SWN Production Company, L.L.C.			16.00%	955/350	
Clyde W. Caseman and Allcia L. Caseman, his wife	Chesapeake Appalachia, L.L.C.			17.00%	748/401	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Joseph W. Caseman and Gretchen V. Caseman, his wife	Chesapeake Appalachia, L.L.C.			17.00%	747/600	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Nelda S. Clark, widow	SWN Production Company, L.L.C.			16.00%	955/243	
Robert Clark Adams and Charlotte A. Adams, his wife	Chesapeake Appalachia, L.L.C.			17.00%	749/622	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
David Edwards, single	SWN Production Company, L.L.C.			17.00%	1046/565	
Richard Cunliffe Edwards, a/k/a Richard Cunliff Edwards, a widower	Chesapeake Appalachia, L.L.C.			17.00%	775/409	
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC				33/110	
Richard Edwards, married dealing in his sole and separate property	SWN Production Company, L.L.C.	17.00%	961/213			
Thomas Edwards, married dealing in his sole and separate property	SWN Production Company, L.L.C.	17.00%	962/430			
Roberta M. Snyder, a/k/a Roberta Mary Clark, a widow	Chesapeake Appalachia, L.L.C.	17.00%	749/96			
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110			
Sandra K. Groux and Harry W. Groux, her husband	Chesapeake Appalachia, L.L.C.	17.00%	748/503			
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110			
Edward Martin Sedor, a widower, by his Attorney-in-Fact, Mark A. Sedor	SWN Production Company, L.L.C.	17.00%	890/158			
William L. McCutcheon, a widower	Chesapeake Appalachia, L.L.C.	17.00%	751/602			
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110			

RECEIVED  
 Office of Oil and Gas  
 APR 19 2023  
 WV Department of Environmental Protection

05/05/2023

EXHIBIT "A"  
 Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, L.L.C. as Operator  
 Vernon Johnson WZ 201H  
 Wetzel County, West Virginia

		Patricia Austin Meyer, married dealing in her sole and separate property	SWN Production Company, L.L.C.	17.00%	957/589	
		The Estate of John William Orr, Sr., by Linda O. Morgan, a/k/a Linda Orr Morgan, acting as Executrix, Linda O. Morgan, a/k/a Linda Orr Morgan and Gary D. Morgan, her husband, and John W. Orr, Jr., a/k/a John William Orr, Jr. and Susan J. Orr, his wife	Chesapeake Appalachia, L.L.C.	17.00%	768/154	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Susan Diane Clark Neldinger, divorced	SWN Production Company, L.L.C.	17.00%	963/70	
		Suzanne Patrick, f/k/a Suzanne Edwards, married dealing in her sole and separate property	SWN Production Company, L.L.C.	17.00%	964/66	
		Dorothy Patterson, a single woman	Chesapeake Appalachia, L.L.C.	17.00%	777/481	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		The Mary Kathryn Ray Revocable Trust, dated December 18, 1988, by Mary Kathryn Ray, acting as Trustee	Chesapeake Appalachia, L.L.C.	17.00%	750/118	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Nancy L. Rodgers, f/k/a Nancy Matthews and William I. Rodgers, her husband	Chesapeake Appalachia, L.L.C.	17.00%	748/527	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Cliff Silgar, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	17.00%	956/244	
		David B. Silgar, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	17.00%	956/248	
		George Leroy Smith and Evelyn F. Smith, his wife	Chesapeake Appalachia, L.L.C.	17.00%	748/442	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		John Bernard Smith and Ethel Rose Smith, his wife	Chesapeake Appalachia, L.L.C.	17.00%	748/436	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Malcolm V. Smith, Jr., a widower	Chesapeake Appalachia, L.L.C.	17.00%	777/487	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Russell Lee Smith and Marybelle Smith, his wife	Chesapeake Appalachia, L.L.C.	17.00%	747/623	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Donna R. Walker, a widow	Chesapeake Appalachia, L.L.C.	17.00%	777/475	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Dorothy E. Wheeler, a widow	Chesapeake Appalachia, L.L.C.	17.00%	750/111	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Mary T. Zito, f/k/a Mary T. Nesbitt, f/k/a Mary Bonar Nesbitt, a widow	Chesapeake Appalachia, L.L.C.	17.00%	764/201	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
3	7-24-1 pt. 19	Royalty Owners	N/A	N/A	N/A	8.3333%
		Mary Frances Anderson, a single woman	SWN Production Company, L.L.C.	17.00%	1040/237	
		Dominion Energy Transmission, Inc.	SWN Production Company, L.L.C.	18.00%	977/487	
		Frank C. McCuskey and Neva C. McCuskey Trust, dated March 27, 1979, by Dan F. McCuskey, a/k/a Dan Frederick McCuskey, acting as Trustee	Chesapeake Appalachia, L.L.C.	12.50%	690/556	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Johanna Helffrich Greenwood, married dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	715/313	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Richard Helffrich, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	715/321	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Charles F. McCuskey, Jr., a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	716/1	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Michael McCuskey, a/k/a Michael Paul McCuskey, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	12.50%	1065/82	
		Bill McCuskey, a/k/a William Charles McCuskey and Deena L. McCuskey, husband and wife	SWN Production Company, L.L.C.	17.00%	1064/309	
		Reliant Holdings, LLC, a West Virginia Company, by Peter McCuskey, Managing Member	SWN Production Company, L.L.C.	17.00%	1063/645	
		Gretchen Helffrich Zavala, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	715/316	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
3	7-24-1 pt. 15	The Security Trust Company, a Corporation, as Attorney-in-Fact for Judith M. Blue, Josephine C. Blue, Ellen D. Hoge, Virginia H. Randolph, Augusta L. Randolph, Agusta Hoge Evans, Joan B. Hoge, Mary W. Wright, Lucius H. Wilson, Mary Ellen Mumford, Richard H. Hoge, George H. Hoge, Audrey May Meyer, Elizabeth N. Wild and Elizabeth Wood; and the Estate of Mary C. Walker	The Manufacturers Light and Heat Company	12.50%	353/111	0.0000%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, L.L.C.		662/322	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
3	7-24-1 pt. 14	Royalty Owners	N/A	N/A	N/A	0.0000%
		Franklin Thomas Barrett, a/k/a Franklin T. Barrett, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	689/192	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Ammon A. Burley and Flora J. Burley, husband and wife	SWN Production Company, L.L.C.	15.00%	919/345	
		Doris St. John, a single woman	Chesapeake Appalachia, L.L.C.	12.50%	687/122	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Robert Burley, a single man; Barbara J. Burley, a single woman; Wayne E. burley, a single man	Chesapeake Appalachia, L.L.C.	12.50%	688/112	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Timothy N. Burley, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	694/152	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	

RECEIVED  
 Office of Oil and Gas  
 APR 19 2023  
 Department of Environmental Protection

05/05/2023

EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, L.L.C., as Operator  
 Vernon Johnson WTZ 201H  
 Wetzel County, West Virginia

Elizabeth Ann Cain, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	685/235 33/110
Edward L. Conaway, a single man Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	694/21 33/110
Rosemary Cain, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	685/227 33/110
Krystal K. Camp, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	694/147 33/110
Donald Scott Conaway, a single man	SWN Production Company, L.L.C.	16.00%	932/629
Robert W. Conaway, Jr., a single man	SWN Production Company, L.L.C.	16.00%	932/636
Ronald W. Conaway, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	694/336 33/110
Thomas David Conaway, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	12.50%	1045/629
First Assembly of God Church of Alliance, OH, an Ohio non-profit corporation, by Reverend Lawrence A. Grow, Agent	SWN Production Company, L.L.C.	12.50%	1065/68
Jeffrey L. Fish, a single man Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	694/160 33/110
Elizabeth Ann Cain, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	685/235 33/110
Hilda Marie Gilbertson-Wayt, a/k/a Hilda Marie Gilbertson-Wayt, a married woman dealing in her sole and separate property (Life Estate Interest) and Kimberly Ann Wayt, a single woman, and Kerry Dean Wayt, a single woman (Remainder Interest)	Chesapeake Appalachia, L.L.C.	12.50%	708/118
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110
L. Gene Gray and Joan V. Gray, husband and wife	SWN Production Company, L.L.C.	12.50%	961/189
Margery Jeanette Hale, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	687/104 33/110
Kathy Watkins Hoopes, a/k/a Kathy J. Watkins, a/k/a Kathy Hoopes, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	685/369 33/110
Marguerite Kaczorowski, a/k/a Marguerite Jean Kaczorowski, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	687/112 33/110
Dorothy Maxine Katzmeyer and Paul Richard Katzmeyer, her husband Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	687/126 33/110
Darrel Kerns, a/k/a Darrel Wayne Kerns, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	695/507 33/110
Susan Smurthwaite, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	688/172 33/110
Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	693/589 33/110
Patricia Loy, a/k/a Elsie Patricia Loy, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	686/229 33/110
Beula Kathleen Mackey, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	685/231 33/110
Richard J. McHenry, Sr., a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	12.50%	976/79
Beth Ann Mysliwiec-Andlinger, a married woman dealing in her sole and separate property	SWN Production Company, L.L.C.	12.50%	957/555
Jana Lynn Robbins, a married woman dealing in her sole and separate property	SWN Production Company, L.L.C.	12.50%	957/561
Mary Lou Rubini, f/k/a Mary Lou Bleim, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	687/130 33/110
Betty J. Burley, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	691/21 33/110
Stone Hill Minerals Holdings, LLC TH Exploration, LLC	TH Exploration, LLC SWN Production Company, LLC and Statoil USA Onshore Properties Inc.	17.00%	894/489 41/299
Carolyn Stowe, a married woman dealing in her sole and separate property	SWN Production Company, L.L.C.	12.50%	1038/401
John Wanchick, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	17.00%	932/644
Michael Wanchick, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	17.00%	935/291
Donald Marlin Watkins, a/k/a Marlin Watkins, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	685/365 33/110
Doris St. John, a single woman Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	687/108 33/110
Karen J. Jones, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	688/176 33/110
Andrew F. Wood, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	12.50%	1040/242
John F. Yeager and Gertrud Yeager, his wife Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	693/566 33/110
John Yeager and Linda S. Yeager, his wife Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	692/222 33/110

RECEIVED  
Office of Oil and Gas

APR 19 2023

WV Department of  
Environmental Protection

05/05/2023

EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, L.L.C, as Operator  
 Vernon Johnson WTZ 201H  
 Wetzel County, West Virginia

		Sharon Neala Barrett Zeppernick, a/k/a Sharon N. Zeppernick, a/k/a Sharon Neala Zeppernick, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	689/188
			SWN Production Company, LLC		33/110
3	7-24-1 pt. 12	<b>Royalty Owners</b>	N/A	N/A	N/A
		Franklin Thomas Barrett, a/k/a Franklin T. Barrett, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	689/192
			SWN Production Company, LLC		33/110
		Ammon A. Burley and Flora J. Burley, husband and wife	SWN Production Company, L.L.C.	15.00%	919/345
		Donald Burley and Jacqueline J. Burley, his wife	Chesapeake Appalachia, L.L.C.	12.50%	687/122
			SWN Production Company, LLC		33/110
		Robert Burley, a single man; Barbara J. Burley, a single woman; Wayne E. burley, a single man	Chesapeake Appalachia, L.L.C.	12.50%	688/112
			SWN Production Company, LLC		33/110
		Timothy N. Burley, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	694/152
			SWN Production Company, LLC		33/110
		Elizabeth Ann Cain, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	685/235
			SWN Production Company, LLC		33/110
		Edward L. Conaway, a single man Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	694/21
			SWN Production Company, LLC		33/110
		Rosemary Cain, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	685/227
			SWN Production Company, LLC		33/110
		Krystal K. Camp, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	694/147
			SWN Production Company, LLC		33/110
		Donald Scott Conaway, a single man	SWN Production Company, L.L.C.	16.00%	932/629
		Robert W. Conaway, Jr., a single man	SWN Production Company, L.L.C.	16.00%	932/636
		Ronald W. Conaway, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	694/336
			SWN Production Company, LLC		33/110
		Thomas David Conaway, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	12.50%	1045/629
		First Assembly of God Church of Alliance, OH, an Ohio non-profit corporation, by Reverend Lawrence A. Grow, Agent	SWN Production Company, L.L.C.	17.00%	1065/68
		Jeffrey L. Fish, a single man Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	694/160
			SWN Production Company, LLC		33/110
		Hulda Marie Gilbertson-Wayt, a/k/a Hilda Marie Gilbertson-Wayt, a married woman dealing in her sole and separate property (Life Estate Interest) and Kimberly Ann Wayt, a single woman, and Kerry Dean Wayt, a single woman (Remainder Interest)	Chesapeake Appalachia, L.L.C.	12.50%	708/118
			SWN Production Company, LLC		33/110
		L. Gene Gray and Joan V. Gray, husband and wife	SWN Production Company, L.L.C.	12.50%	961/189
		Margery Jeanette Hale, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	687/104
			SWN Production Company, LLC		33/110
		Kathy Watkins Hoopes, a/k/a Kathy J. Watkins, a/k/a Kathy Hoopes, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	685/369
			SWN Production Company, LLC		33/110
		Marguerite Kaczorowski, a/k/a Marguerite Jean Kaczorowski, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	687/112
			SWN Production Company, LLC		33/110
		Dorothy Maxine Katzmeyer and Paul Richard Katzmeyer, her husband Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	687/126
			SWN Production Company, LLC		33/110
		Darrel Kerns, a/k/a Darrel Wayne Kerns, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	695/507
			SWN Production Company, LLC		33/110
		Susan Smurthwalte, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	688/172
			SWN Production Company, LLC		33/110
		Annette Aldine Lloyd, a/k/a Annette A. Lloyd, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	693/589
			SWN Production Company, LLC		33/110
		Patricia Loy, a/k/a Eisie Patricia Loy, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	686/229
			SWN Production Company, LLC		33/110
		Beula Kathleen Mackey, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	685/231
			SWN Production Company, LLC		33/110
		Richard J. McHenry, Sr., a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	12.50%	976/79
		Beth Ann Mysilwec-Andlinger, a married woman dealing in her sole and separate property	SWN Production Company, L.L.C.	12.50%	957/555
		Jana Lynn Robbins, a married woman dealing in her sole and separate property	SWN Production Company, L.L.C.	18.00%	957/561
		Mary Lou Rubini, f/k/a Mary Lou Bleim, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	687/130
			SWN Production Company, LLC		33/110
		Betty J. Burley, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	691/721
			SWN Production Company, LLC		33/110
		Stone Hill Minerals Holdings, LLC TH Exploration, LLC	TH Exploration, LLC SWN Production Company, LLC and Statoil USA Onshore Properties Inc.	17.00%	894/489 412/299
		Carolyn Stowe, a married woman dealing in her sole and separate property	SWN Production Company, L.L.C.	12.50%	1038/401
		John Wanchick, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	17.00%	932/644
		Michael Wanchick, a married man dealing in his sole and separate property	SWN Production Company, L.L.C.	17.00%	935/291
		Donald Marlin Watkins, a/k/a Marlin Watkins, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	685/365
			SWN Production Company, LLC		33/110
		Doris St. John, a single woman Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	687/108
			SWN Production Company, LLC		33/110

RECEIVED  
 Office of Oil and Gas  
 APR 19 2023  
 WV Department of  
 Environmental Protection

05/05/2023



EXHIBIT "A"  
 Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, as Operator  
 Vernon Johnson WTZ 201H  
 Wetzel County, West Virginia

		Karen J. Jones, a married woman dealing in her sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C.	12.50%	688/176	
		Andrew F. Wood, a married man dealing in his sole and separate property	SWN Production Company, LLC	12.50%	33/110	
		John F. Yeager and Gertrud Yeager, his wife	Chesapeake Appalachia, L.L.C.	12.50%	1040/242	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		693/566	
		John Yeager and Linda S. Yeager, his wife	Chesapeake Appalachia, L.L.C.	12.50%	33/110	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		692/222	
		Sharon Neala Barrett Zeppernick, a/k/a Sharon N. Zeppernick, a/k/a Sharon Neala Zeppernick, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	33/110	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		689/188	
3	7-24-1 pt. 11	Royalty Owners	N/A	N/A	N/A	16.4683%
		Franklin Thomas Barrett, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1010/272	
		Ammon A. Burley and Flora J. Burley, husband and wife	SWN Production Company, L.L.C.	15.00%	919/345	
		Timothy N. Burley and Connie Burley, husband and wife	SWN Production Company, LLC	18.00%	974/325	
		Krystal K. Camp and Tom Camp, wife and husband	SWN Production Company, LLC	18.00%	967/117	
		Donald Scott Conway, a single man	SWN Production Company, L.L.C.	16.00%	932/629	
		Robert W. Conway, Jr., a single man	SWN Production Company, L.L.C.	16.00%	932/635	
		Ronald W. Conway, a/k/a Ronald Wayne Conway, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	1046/269	
		David S. Dever, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	1052/444	
		Gregory T. Dever, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	1010/621	
		John A. Dever, a widower	SWN Production Company, LLC	17.00%	1052/439	
		Annette Mary Dever, Trustee of the Annette and Larry Dever Revocable Trust, dated April 22, 2016	SWN Production Company, LLC	17.00%	1052/81	
		Jeffrey L. Fish, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	976/113	
		Michael A. Fish and Debra L. Fish, husband and wife	SWN Production Company, LLC	18.00%	967/125	
		Charles Wayne Geho, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	966/408	
		Vanita and Cordova Holding Company, LLC, William H. Gaston, Managing Member	SWN Production Company, L.L.C.	17.00%	1097/361	
		Kathy Watkins Hoopes, a/k/a Kathy Jo Watkins and David E. Hoopes, wife and husband	SWN Production Company, L.L.C.	15.00%	925/539	
		Bernadette F. Livingston, Trustee of the Margaret J. Kaczorowski Revocable Trust Agreement, dated the 21st day of November, 2006	SWN Production Company, LLC	16.00%	966/421	
		Andrea M. Davis, Agent and Attorney-in-Fact for Deborah K. Kincaid, a single woman	SWN Production Company, LLC	17.00%	1052/76	
		Annette Aldine Lloyd, a widow	SWN Production Company, LLC	18.00%	969/288	
		Beulah Kathleen Mackey, a widow	SWN Production Company, LLC	17.00%	965/31	
		Donald Marlin Watkins, a/k/a Marlin Watkins and Myra L. Watkins, husband and wife	SWN Production Company, L.L.C.	15.00%	919/161	
		Sharon Neala Zeppernick, a/k/a Sharon Neala Barrett Zeppernick, a married woman dealing in her sole and separate property	SWN Production Company	18.00%	1010/268	
		Robert L. Burley, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1135/347	
		Wayne E. Burley, a single man	SWN Production Company, LLC	15.00%	1135/330	
		Elizabeth Ann Cain, a widow	SWN Production Company, LLC	18.00%	1135/319	
		First Assembly of God Church	SWN Production Company, LLC	17.00%	1135/352	
		George L. Hale, Jr., a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	966/438	
		Barbara J. Burley, a single woman	SWN Production Company, LLC	15.00%	1136/49	
		Roger Lee Cain	SWN Production Company, LLC	18.00%	1135/341	
		Robert Carlton Cain	SWN Production Company, LLC	18.00%	1135/335	
3	7-24-1 pt. 08	Edward C. Walker, widower; Richard E. Walker and Roberta Walker, his wife; Edna Whitlatch and J. B. Whitlatch, her husband; and Security Trust Company, a corporation, for and on behalf and as Attorney in Fact for those heirs at law of Isaac Hoge, herinafter named, under the signature of said Attorney in Fact	The Manufacturers Light and Heat Company	12.50%	326/505	0.0000%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, L.L.C.		662/322	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		36/422	
		Edna Whitlatch and J. B. Whitlatch, her husband	The Manufacturers Light and Heat Company	12.50%	375/223	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, L.L.C.		662/322	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		36/422	
3	7-24-1 pt. 09	Alfonso Autrey Camino, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1046/345	0.0000%
		Amanda M. Linsey a/k/a Amanda Marie Linsey, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1031/510	
		Ana I. Camino, a single woman	SWN Production Company, LLC	18.00%	1052/471	
		Andrew D. McCurdy a/k/a Andrew David McCurdy, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1029/654	
		Mike A. Fallova and Margaret Ann Fallova, husband and wife	Chesapeake Appalachia, LLC	12.50%	731/288	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Arlene Lambe and Stephen Francis Lambe, wife and husband	SWN Production Company, LLC	18.00%	1068/171	
		Linda L. McConnell, widow	Chesapeake Appalachia, LLC	17.00%	768/324	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	

RECEIVED  
 Office of Oil and Gas  
 APR 19 2023  
 WV Department of  
 Environmental Protection

05/05/2023

EXHIBIT "A"  
 Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, as Operator  
 Vernon Johnson WTZ 201H  
 Wetzel County, West Virginia

Arthur A. Anderson, a widower	SWN Production Company, LLC	18.00%	1054/397
Barbara L. Haring, a married woman dealing in her sole and separate property	SWN Production Company, LLC	20.00%	1074/550
Blaine A. Bontempo and Elaine J. Bontempo, husband and wife	SWN Production Company, LLC	18.00%	1054/12
Bonnie Sue Smith, a single woman	SWN Production Company, LLC	18.00%	1038/443
Boy Scouts Of America, Culvera Council	SWN Production Company, LLC	18.00%	1076/104
Brenda D. Carlson a/k/a Brenda Darlene Carlson, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1046/340
Brian E. Woods and Mary Susan Woods, husband and wife	SWN Production Company, LLC	18.00%	1041/570
Carla Schwing St. Myers, a single woman	Chesapeake Appalachia, LLC	17.00%	740/1
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Carol J. Daniels, a widow	SWN Production Company, LLC	18.00%	1056/494
Vivian L. Mason a/k/a Vivian Lee Mason, a widow	Chesapeake Appalachia, LLC	17.00%	763/312
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Charlene M. Behanna, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1059/549
Charles Edwin Blue, IV	SWN Production Company, LLC	18.00%	1049/555
Cheryle Sue Randalson, a/k/a Cheryle Sue Baldauf and Jacob Randalson, her husband	Chesapeake Appalachia, LLC	17.00%	769/118
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Chestnut Holdings, Inc.	SWN Production Company, LLC	20.00%	1060/500
Christine T. Wilson Campbell, a/k/a Christine W. Campbell and Thomas L. Campbell, her husband	Chesapeake Appalachia, LLC	17.00%	768/174
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Christy Schwing Yost, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	17.00%	739/633
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Christy Marie Beem, a single woman	SWN Production Company, LLC	18.00%	1046/334
Cindy Suzanne Logan, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1047/251
Edward C. Walker a/k/a Edward Craig Walker a/k/a Craig Walker, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1031/520
Cynthia D. Murray and Kent E. Murray, wife and husband	SWN Production Company, LLC	18.00%	1054/402
Damon A. Emde and Heidi K. Emde, husband and wife	SWN Production Company, LLC	18.00%	1061/106
Darlene S. Tydeman and David R. Tydeman, wife and husband	SWN Production Company, LLC	18.00%	1041/535
David A. Armstrong, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1037/215
David Ellet Schwing, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	740/532
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
David Scott Woods, a widower	SWN Production Company, LLC	18.00%	1041/530
David W. Jones and Rhonda Lynn Jones, husband and wife	SWN Production Company, LLC	18.00%	1041/555
Dawn Ann Byrum, a/k/a Dawn Ann Byrum, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	17.00%	740/80
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Debbie Jurek, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	17.00%	777/449
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Denis Ewick, a single woman	Chesapeake Appalachia, LLC	17.00%	739/522
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Diego A. Camino, a minor, by Janeen Hape, as limited guardian and conservator	SWN Production Company, LLC	18.00%	1068/461
Donald R. Gray and Erma L. Gray, his wife	Chesapeake Appalachia, LLC	17.00%	766/329
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Donna Jean Tetz, a widow	SWN Production Company, LLC	18.00%	1046/350
Elmer Edward Mollohan, Jr., a single man	SWN Production Company, LLC	18.00%	1065/115
Ernest Lee Campbell, a single man	SWN Production Company, LLC	18.00%	1047/246
Eugenia Hofman Ball, a/k/a Eugenia H. Ball, a/k/a Eugenia Ball, a/k/a Genie Ball, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	17.00%	755/359
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Eva Pauline Wagner a/k/a Pauline Miller Wagner, a widow	SWN Production Company, LLC	18.00%	1050/413
First Christian Church	SWN Production Company, LLC	18.00%	1073/204
Gail L. Whittlach, a widow	Chesapeake Appalachia, LLC	17.00%	740/592
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Gary D. Nangle and Nancy G. Nangle, his wife	Chesapeake Appalachia, LLC	17.00%	771/335
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
George E. Daniels, a single man	SWN Production Company, LLC	18.00%	1069/314
George M. Miller, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1052/466
Geraldine L. Daniels, a widow, by her attorney-in-fact, Susan G. Heinen	SWN Production Company, LLC	18.00%	1059/544
Gary W. Smail, a/k/a Gary Smail, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	773/353
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Hannah Ware, a/k/a Hannah H. Ware, f/k/a Hannah Mulholland Hoffman	Chesapeake Appalachia, LLC	17.00%	755/85
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Harry J. Finney a/k/a Harry James Finney, a widower	SWN Production Company, LLC	18.00%	1057/631
Herbert Leroy Gray, Sr. and Marjorie Elizabeth Gray, his wife	Chesapeake Appalachia, LLC	17.00%	740/602
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Hollins N. Randolph, III and Amy J. Randolph, husband and wife	SWN Production Company, LLC	18.00%	1029/629
Howard A. Chunnick and Dorothy C. Chunnick, husband and wife	SWN Production Company, LLC	18.00%	1047/266
Evelyn L. Holliday, a/k/a Evelyn Louise Holliday, a widow, by her attorney-in-fact, Steven B. Holliday	Chesapeake Appalachia, LLC	17.00%	734/561
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Janet D. Ball and Charles W. Ball, Jr., wife and husband	SWN Production Company, LLC	18.00%	1051/626
Janet Eyster, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	17.00%	735/487
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110

RECEIVED  
 Office of Oil and Gas  
 APR 19 2023  
 WV Department of  
 Environmental Protection

05/05/2023

EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, as Operator  
 Vernon Johnson WTZ 201H  
 Wetzel County, West Virginia

Janet M. Stewart, a widow Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	17.00%	768/356 33/110
Janice L. Danner, a single woman, by her attorney-in- fact, Michelle L. Neal	SWN Production Company, LLC	18.00%	1073/194
Jayne Lou Kimberly, a/k/a Jayne Kimberly and James R. Kimberly, her husband Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	17.00%	734/1 33/110
Jeanette Dolan, a/k/a Janette Dolan, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	17.00%	742/356
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Jeffrey S. Burton, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1037/556
Jeffrey W. Armstrong, a married man, dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1061/340
Jennelle J. Camino	SWN Production Company, LLC	18.00%	1046/39
Jennifer L. Sharp, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1061/345
Jerry Schwing, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	734/56
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Jessie M. Wood, a single woman, by her attorney-in- fact, Elaine J. Blackhurst	SWN Production Company, LLC	18.00%	1047/457
Jimma E. Byers, a widow	SWN Production Company, LLC	18.00%	1047/261
The Joan B. Hoge Trust, dated December 7, 1995	SWN Production Company, LLC	18.00%	1038/438
Jody L. Alexander, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	17.00%	771/569
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
John D. Gray, a single man	SWN Production Company, LLC	18.00%	1040/44
John E. Wright, III, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	759/851
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
John Kestner, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	739/527
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
John N. Hanna, a widower	SWN Production Company, LLC	18.00%	1049/561
Joseph A. Chunnick, a single man	SWN Production Company, LLC	18.00%	1045/483
Joseph Dwayne Gray, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1052/476
Joyce Lee Gray-Romero, a single woman	SWN Production Company, LLC	18.00%	1071/474
Kandie R. Self f/k/a Kandie R. Prickett, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1041/550
Katherine Bane, a widow Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	17.00%	763/593 33/110
Katherine E. Coffey, a/k/a Katherine Evans Coffey, a single woman	SWN Production Company, LLC	18.00%	1041/580
Katherine Fayette Mason and Howard Robert Ennis, wife and husband	SWN Production Company, LLC	18.00%	1053/230
Kenneth L. Woods, a single man	SWN Production Company, LLC	18.00%	1040/34
Kenneth W. Gray, Sr. a/k/a Kenneth W. Gray and Victoria Lynn Gray, his wife Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC SWN Production Company, LLC	17.00%	734/41 33/110
Lance Z. Hoffman, a single man	SWN Production Company, LLC	18.00%	1070/575
Larry A. Woods and Leann K. Woods, husband and wife	SWN Production Company, LLC	18.00%	1041/565
Laura Loretta Manown, a widow	SWN Production Company, LLC	18.00%	1053/225
Laurence Myers Evans, II and Penny C. Evans, husband and wife	SWN Production Company, LLC	18.00%	1040/49
Leah D. McDonald and Kevin W. McDonald, wife and husband	SWN Production Company, LLC	18.00%	1068/166
Lester Franklin Lemley and Rita J. Lemley, his wife	Chesapeake Appalachia, LLC	17.00%	746/277
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Linda L. Thomas, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1033/332
Linda L. Van De Veere, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1052/484
Lois Mickey, a/k/a Lois Jean Chambers, a widow	Chesapeake Appalachia, LLC	17.00%	763/318
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Lori R. Bingham, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1070/585
Lorna Marie Lew, a single woman	SWN Production Company, LLC	18.00%	1051/636
Lorraine Gale Balon and Thomas Balon, her husband	Chesapeake Appalachia, LLC	17.00%	741/346
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Luella May Gray, a widow, by her attorney-in-fact, Brian Scott Gray	SWN Production Company, LLC	18.00%	1069/324
Lynn Marie Van Over, a single woman	SWN Production Company, LLC	18.00%	1041/590
Madeline V. Catlett, a/k/a Madeline Virginia Catlett, a/k/a Madeline Virginia Catlett, a widow	Chesapeake Appalachia, LLC	17.00%	730/223
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Marion L. Swank, a single woman	SWN Production Company, LLC	18.00%	1049/550
Marjorie B. Kidd and Robert C. Kidd, wife and husband	SWN Production Company, LLC	18.00%	1051/621
Mark Allen Lemley, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	741/364
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Martha C. Hyre and Richard D. Hyre, Jr., wife and husband	SWN Production Company, LLC	18.00%	1031/530
Mary Kuehl, a/k/a Polly Kuehl, a/k/a Mary Hoffman Juehl, a widow	Chesapeake Appalachia, LLC	17.00%	755/91
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Mary Jane Wilson	SWN Production Company, LLC	16.00%	933/303
Mary Sue Gartley, a/k/a Susie Gartley and C. Thomas Gartley, her husband	Chesapeake Appalachia, LLC	17.00%	774/461
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Melba P. Behanna, a widow	Chesapeake Appalachia, LLC	17.00%	771/108
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Mary M. Mollohan a/k/a Mary Melinda Mollohan, a single woman	SWN Production Company, LLC	18.00%	1057/626
Melonie Ann Beem, a single woman	SWN Production Company, LLC	18.00%	1046/328
Meribeth Gray f/k/a Meribeth McElfresh, a single woman	SWN Production Company, LLC	18.00%	1033/467
Michael James Campbell, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1047/271
Michael Sean Whitlatch, a single man	SWN Production Company, LLC	18.00%	1070/580
Miniam F. Roberson and William D. Roberson, wife and husband	SWN Production Company, LLC	18.00%	1041/575
Norma L. Whitlatch, a single woman	SWN Production Company, LLC	18.00%	1061/101

RECEIVED  
Office of Oil and Gas

APR 19 2023

WV Department of  
Environmental Protection

05/05/2023

EXHIBIT "A"  
 Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, LLC, as Operator  
 Vernon Johnson WTZ 201H  
 Wetzel County, West Virginia

Norman Dale Campbell, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1047/256
Norman E. Gray, Jr. and Connie J. Gray, his wife	Chesapeake Appalachia, LLC	17.00%	740/60
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Pam Klovanish, a/k/a Pamela Kay Vukelich, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	17.00%	743/279
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Phillip R. Whitlatch and Tamara Whitlatch, husband and wife	SWN Production Company, LLC	18.00%	1061/96
Randy J. Matthews and April D. Matthews, husband and wife	SWN Production Company, LLC	18.00%	1055/489
Richard Dean Gray, widower	Chesapeake Appalachia, LLC	17.00%	765/613
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Richard F. Mohr, Sr., a widower	SWN Production Company, LLC	18.00%	1050/408
Ricky Schwing, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	735/506
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Roberta L. Dupain, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1041/560
Roger Jay Henderson and Theresa V. Henderson, husband and wife	SWN Production Company, LLC	18.00%	1057/621
Ronald V. Chambers and Jean Ann Chambers, his wife	SWN Production Company, LLC	18.00%	1073/199
Sabrina Camino, a single woman	SWN Production Company, LLC	18.00%	1063/64
Samantha Camino, a minor, by Janeen Hape, as Limited Guardian and Conservator	SWN Production Company, LLC	18.00%	1068/456
Sandra Strader and Gordon W. Strader, wife and husband	SWN Production Company, LLC	18.00%	1047/452
Sarita L. Whitlatch, a widow	SWN Production Company, LLC	18.00%	1051/631
Sharon L. Wagoner, a/k/a Sharon L. Becraft Wagoner and Robert V. Wagoner, her husband	Chesapeake Appalachia, LLC	17.00%	742/194
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Sherry L. Saxon and James R. Saxon, wife and husband	SWN Production Company, LLC	18.00%	1041/545
Howard Kestner and Shirley M. Kestner, his wife	Chesapeake Appalachia, LLC	17.00%	731/283
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Steven F. Daniels, a single man	SWN Production Company, LLC	18.00%	1069/319
Steven P. Armstrong and Carrie G. Armstrong, husband and wife	SWN Production Company, LLC	18.00%	1046/44
SWN Production Company, LLC (former interest of Thomas Blue)	N/A (SWN-owned minerals)	N/A	1068/451
Betty Whitlatch and William F. Whitlatch, her husband	Chesapeake Appalachia, LLC	17.00%	730/203
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
The Randolph Family Trust, dated April 18, 2002	SWN Production Company, LLC	18.00%	1040/39
Mary Frances Gray a/k/a Mary Frances Leaver Gray	Chesapeake Appalachia, LLC	17.00%	769/112
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Thomas Ralph Murphy, Jr., a single man	SWN Production Company, LLC	18.00%	1066/28
Timothy J. Woods and Elizabeth R. Woods, husband and wife	SWN Production Company, LLC	18.00%	1041/585
Timothy McCurdy a/k/a Timothy S. McCurdy, a single man	SWN Production Company, LLC	18.00%	1031/515
Travis L. Murphy, a single man	SWN Production Company, LLC	18.00%	1066/33
Vickie Schwing, a single woman	Chesapeake Appalachia, LLC	17.00%	734/51
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Victoria Anne Pakrovsky, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1054/17
Violet N. Byers, a single woman	SWN Production Company, LLC	18.00%	1041/540
Vivian Dishman aka Vivian L. Chambers aka Vivian La Rue Dishman, by her attorney-in-fact James C. Dishman, her husband	Chesapeake Appalachia, LLC	17.00%	771/329
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
Walter L. Caprin, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1067/280
William E. Hibbs and Karen Hibbs, husband and wife	SWN Production Company, LLC	18.00%	1057/616
William Herbert Lemley and Rita J. Lemley, his wife	Chesapeake Appalachia, LLC	17.00%	746/283
Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110
William J. Walker, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1031/525
Charles E. Chambers	SWN Production Company, LLC	20.00%	1070/590
Christina Mason	SWN Production Company, LLC	20.00%	1070/590
Connie J. Mungle	SWN Production Company, LLC	20.00%	1070/590
Elmer Edward Mollohan	SWN Production Company, LLC	20.00%	1070/590
Grace I. Whitney	SWN Production Company, LLC	20.00%	1070/590
Ilse Schlich Mason	SWN Production Company, LLC	20.00%	1070/590
Iowa Most, Miles of Smiles	SWN Production Company, LLC	20.00%	1070/590
Jenny Lynn Burton	SWN Production Company, LLC	20.00%	1070/590
Lonnice Faye Campbell	SWN Production Company, LLC	20.00%	1070/590
Maria Danita Martinez	SWN Production Company, LLC	20.00%	1070/590
Marshall C. Armstrong	Co-Tenancy Affidavit	20.00%	1070/590
Richard A. Wood	SWN Production Company, LLC	20.00%	1070/590
Richard Allen Wood	SWN Production Company, LLC	20.00%	1070/590
Salvation Army, Whitlatch Kansas, Beneficiary of the Ronald H. Dayton Revocable Trust	SWN Production Company, LLC	20.00%	1070/590
Shane Armstrong	SWN Production Company, LLC	20.00%	1070/590
Terry Lee Strickler	SWN Production Company, LLC	20.00%	1070/590
Teresa O. Randolph	SWN Production Company, LLC	20.00%	1070/590
Lyell L. Slade	SWN Production Company, LLC	20.00%	1070/590
Lawrence R. Slade	SWN Production Company, LLC	20.00%	1070/590
William L. Slade	SWN Production Company, LLC	20.00%	1070/590
Mary C. Galley	SWN Production Company, LLC	20.00%	1070/590
Jerry Stone	SWN Production Company, LLC	20.00%	1070/590
Roger C. Stone	SWN Production Company, LLC	20.00%	1070/590
Woodrow James Urban, Jr.	SWN Production Company, LLC	20.00%	1070/590
Andrew David Whitlatch	SWN Production Company, LLC	20.00%	1070/590
Summer Nicole Whitlatch (heir of David C. Whitlatch)	SWN Production Company, LLC	20.00%	1070/590
Thomas Paul Springer	SWN Production Company, LLC	20.00%	1070/590
Virginia A. Janosek	SWN Production Company, LLC	20.00%	1070/590
William Clifton Byers, Jr.	SWN Production Company, LLC	20.00%	1070/590
Belinda Mollohan	SWN Production Company, LLC	20.00%	1070/590
Wounded Warrior Project	SWN Production Company, LLC	20.00%	1070/590

RECEIVED  
 Office of Oil and Gas  
 APR 19 2023  
 Wv Department of  
 Environmental Protection

05/05/2023

EXHIBIT "A"  
 Attached to and made a part of the State of West Virginia Oil and Gas Form, WW-6A1, by SWN Production Company, L.L.C, as Operator  
 Vernon Johnson WTZ 201H  
 Wetzel County, West Virginia

4	7-20-41	Onward E. Burge, Sarah L. Burge and Stephen W. Burge, Trustees of the Onward E. Burge Trust dated June 21, 2010	Chesapeake Appalachia, L.L.C.	12.50%	676/438	0.0000%		
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC					
		Nancy B. D'Vita	Chesapeake Appalachia, L.L.C.	12.50%	33/110			
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC					
5	7-16-25-1	Clare Connelly	Guy B. Patterson and A.G. Patterson	12.50%	227/254 2/281	0.0000%		
		Guy B. Patterson and A. G. Patterson, husband and wife	The Manufacturers Light and Heat Company					
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204			
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC					
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, L.L.C.		642/281 662/322			
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC					
6	7-20-1	Clare Connelly	Guy B. Patterson and A.G. Patterson	12.50%	227/254 2/281	0.0000%		
		Guy B. Patterson and A. G. Patterson, husband and wife	The Manufacturers Light and Heat Company					
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204			
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC					
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, L.L.C.		642/281 662/322			
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC					
7	7-20-3	Clare Connelly	Guy B. Patterson and A.G. Patterson	12.50%	227/254 2/281	0.0000%		
		Guy B. Patterson and A. G. Patterson, husband and wife	The Manufacturers Light and Heat Company					
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204			
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC					
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, L.L.C.		642/281 662/322			
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC					
8	7-19-20	Gail Cumpston Porter, f/k/a Gail Cumpston, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	707/124	0.0000%		
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC					
		Martha Kaye Hill, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.				12.50%	658/277
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC					
		Robert Brent Koontz, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.					
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	12.50%	658/280					
Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC							
		Sandra C. Koontz, a widow	SWN Production Company, L.L.C.	16.00%	33/110 895/204			

RECEIVED  
 Office of Oil and Gas

APR 19 2023

WV Department of  
 Environmental Protection

05/05/2023

June 27, 2022

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

**RE:** SWN's proposed New Well: Vernon Johnson WTZ 201H in Wetzel County, West Virginia, Drilling under Reid Ridge Road, 74, 74/2, Fish Creek Road, Amos Hollow Road, Rice Ridge Road, Burley Lane, and US-250.

Dear Mr. Brewer:

SWN Production Company, LLC ("SWN") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to SWN's right to drill under Reid Ridge Road, 74, 74/2, Fish Creek Road, Amos Hollow Road, Rice Ridge Road, Burley Lane, and US-250. 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,



Bradley Wilson  
Senior Landman  
SWN Production Company, LLC

RECEIVED  
Office of Oil and Gas  
APR 19 2023  
WV Department of  
Environmental Protection



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

05/05/2023