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west virginia department of environmental protection

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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)

Tuesday, October 10, 2023  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC  
POST OFFICE BOX 12359

SPRING, TX 773914954

Re: Permit Modification Approval for DALLAS HALL OHI 406H  
47-069-00354-00-00

**Added a parcel to the permitted 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: DALLAS HALL OHI 406H  
Farm Name: AGNES L HALL  
U.S. WELL NUMBER: 47-069-00354-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 10/10/2023

10/13/2023

Promoting a healthy environment.

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 069-Ohio 3-Liberty 247- Bethany  
Operator ID County District Quadrangle

2) Operator's Well Number: Dallas Hall OHI 406H Well Pad Name: Dallas Hall OHI

3) Farm Name/Surface Owner: Agnes L. Hall Public Road Access: G C and P Road

4) Elevation, current ground: 1274' Elevation, proposed post-construction: 1274'

5) Well Type (a) Gas  Oil  Underground Storage

Other

(b) If Gas Shallow  Deep

Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Target Formation- Marcellus, Down-Dip well to the South, Target Top TVD- 6255', Target Base TVD- 6314', Anticipated Thickness- 59', Associated Pressure- 4104

8) Proposed Total Vertical Depth: 6290'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 18084'

11) Proposed Horizontal Leg Length: 10,317.26'

12) Approximate Fresh Water Strata Depths: 410'

13) Method to Determine Fresh Water Depths: Nearby water well

14) Approximate Saltwater Depths: 586' salinity profile analysis

15) Approximate Coal Seam Depths: 767'

16) Approximate Depth to Possible Void (coal mine, karst, other): None that we are aware of.  
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17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes  No  SEP 20 2023

(a) If Yes, provide Mine Info: Name: \_\_\_\_\_ WV Department of  
Depth: \_\_\_\_\_ Environmental Protection  
Seam: \_\_\_\_\_  
Owner: \_\_\_\_\_

*Shirley Gower*  
9/05/2023

WW-6B  
(04/15)

API NO. 47- 009  
 OPERATOR WELL NO. Dallas Hall OH 406H  
 Well Pad Name: Dallas Hall OH1

18)

**CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft./CTS)
Conductor	20"	New	J-55	94#	126'	126'	CTS
Fresh Water	13 3/8"	New	H-40	48#	520'	520'	503 sx/CTS
Coal	See	Surface	Casing				
Intermediate	9 5/8"	New	J-55	36#	1920'	1920'	829 sx/CTS
Production	5 1/2"	New	P-110 HP	23#	18084'	18084'	used 5412cu/ftal 1800cu/100' inside
Tubing							
Liners							

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	Surface	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							

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**PACKERS**

Kind:				
Sizes:				
Depths Set:				

*Stroder Gower*  
9/05/2023

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): 22.60

22) Area to be disturbed for well pad only, less access road (acres): 8.54

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 \*\*\*

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25) Proposed borehole conditioning procedures:

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

\*Note: Attach additional sheets as needed.

*Stander Gower*  
9/05/2023

# Southwestern Energy Company

# Proposed Drilling Program

Well: DALLAS HALL OHI 406

Re-entry Rig: TBD

Field: PANHANDLE FIELD WET

Prospect: Marcellus Shale

County: OHIO

State: WV

SHL: 40.1333 Latitude -80.6130 Longitude

BHL: 40.1038 Latitude -80.6086 Longitude

KB Elev: 1,275 ft MSL

KB: 26 ft AGL

GL Elev: 1,249 ft MSL



PROD TOC Lead @ 2,020' MD

PROD TOC Tail @ 5,425' MD

### TUBULAR DETAIL

Casing String	Casing Size (in)	Weight (Min)	Grade (Min)	Planned Interval	
				From	To
Conductor	20	94.0 #	J-55	0'	126'
Surface/Coal	13.375	48.0 #	H-40	0'	520'
Intermediate	9.625	36.0 #	J-55	0'	1,920'
Production	5.5	23.0 #	P-110 HP	0'	18,084'

### CEMENT DETAIL

	Sacks	Class	Density
Conductor:	151	A	19.3
Surface:	503	A	15.6
Intermediate:	829	A	15.6
Production:	3413	A	14.5-15.6

126' to 540'  
Air/Mist

540' to 1,940'  
Air/Mist

1,940' to 6,550'  
Air/Mist

6,550' to 7,196'  
13.0-13.7

7,196' to 18,084'  
13.0-13.7

KOP at 6,121' MD

Freshwater Depth - 410' TVD

Coal Depth - 767' TVD

Saltwater Depth - 586' TVD

TVD - 6,290' TVD

TMD - 18,084'

TD at 18,084' MD  
6,290' TVD

6,108' Target Center

EOB at 7,196' MD

SHL Onondaga 6,129' TVD

Onondaga 6,311' TVD

Created by: Sebastian Ziaja on 09/01/2023

*Sebastian Ziaja*  
9/05/2023

10/13/2023

API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
47-069-00239	SWN Production Company, LLC	Active	40.079464	-80.598039	6231'	Marcellus	

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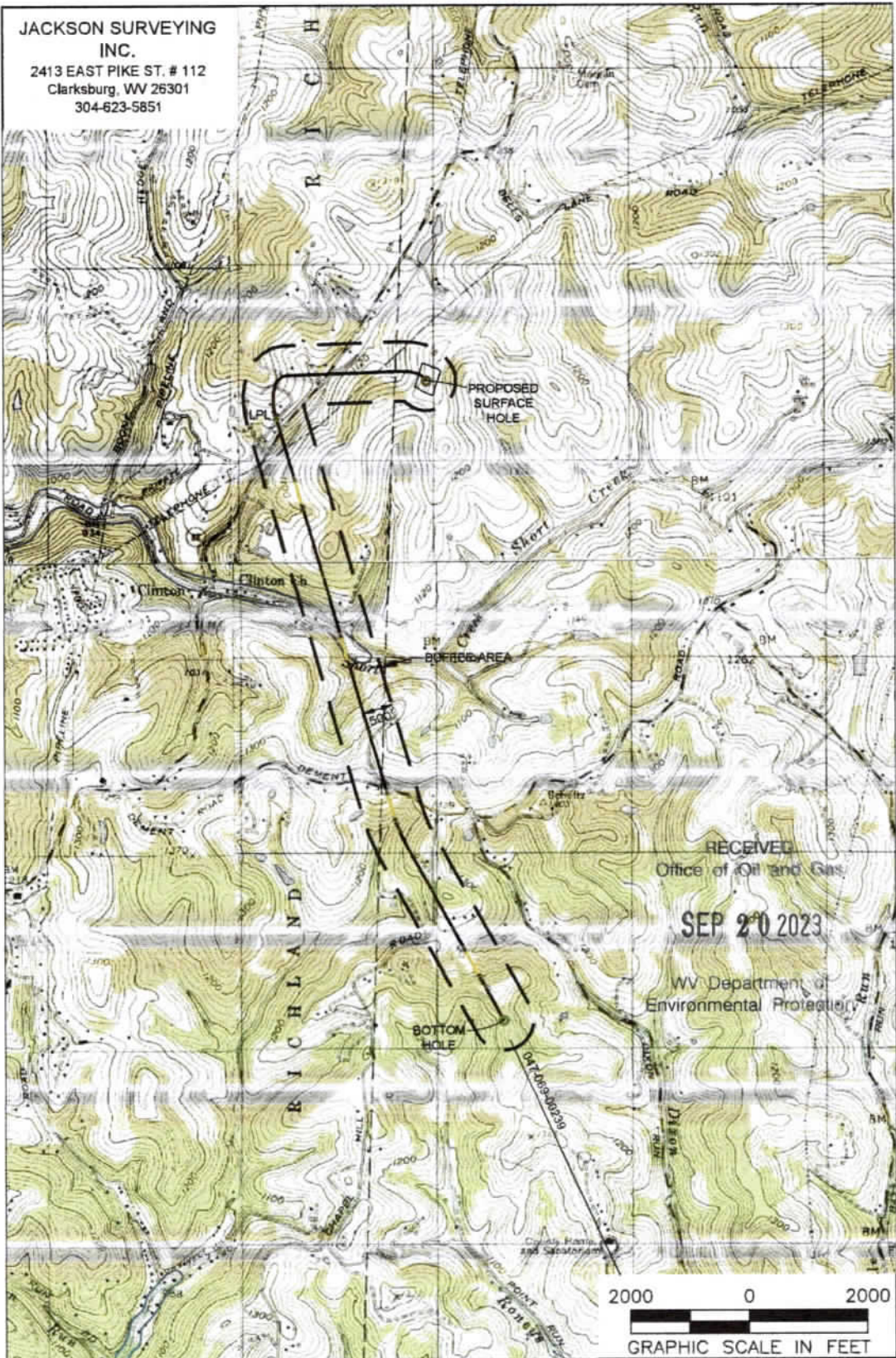
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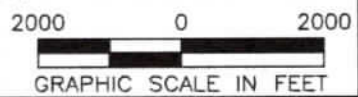
10/13/2023



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



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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 PLAIN
- ACCESS ROAD
- - - PUBLIC ROAD
- - - ACCESS ROAD TO PREV. SITE
- - - LEASE BOUNDARY
- PROPOSED PATH

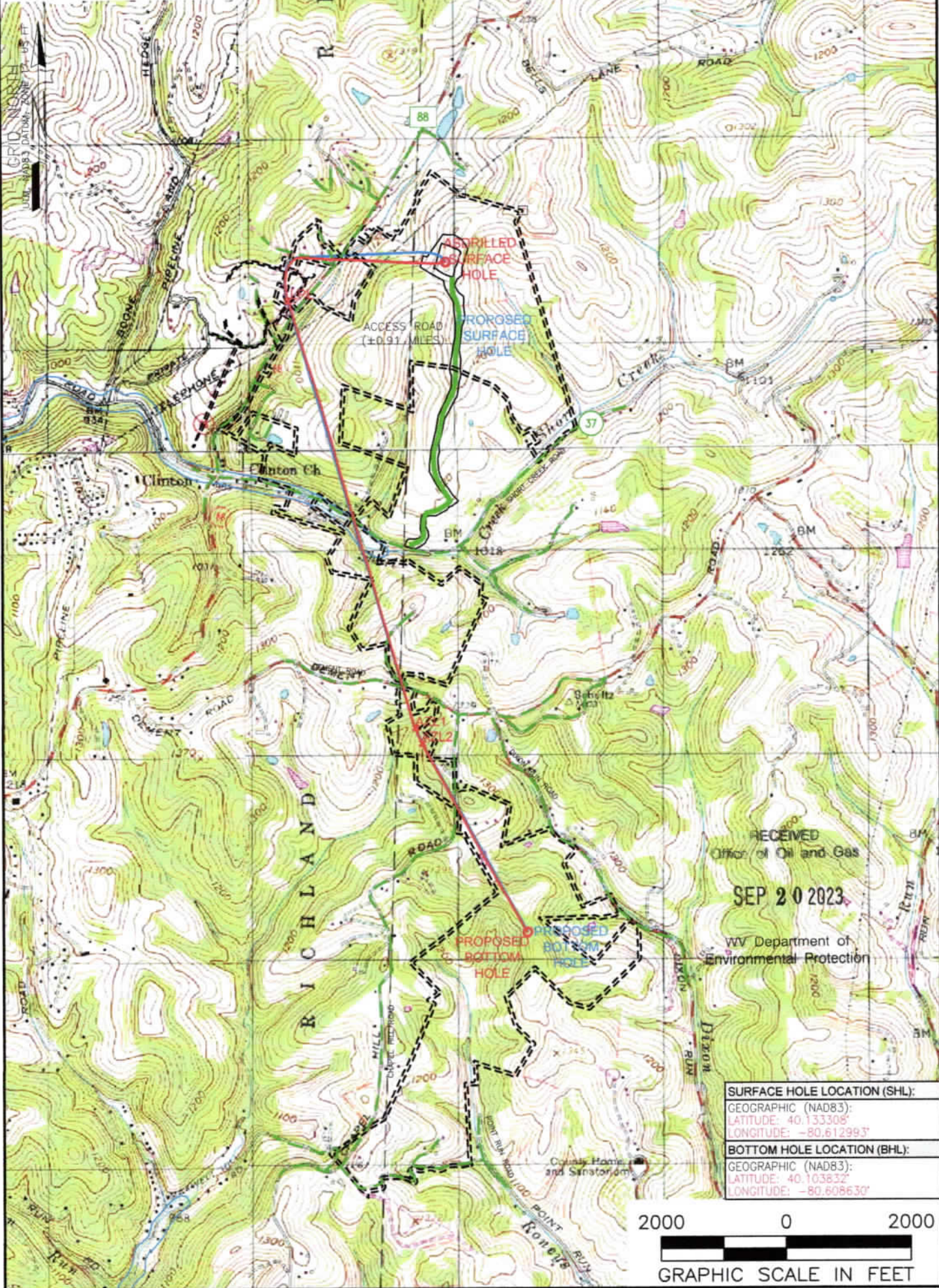
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: DALLAS HALL OHI	WELL # 406H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD, SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT: LIBERTY	
SURFACE OWNER: AGNES L. HALL	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV	API # 047-069-	

10/13/2023



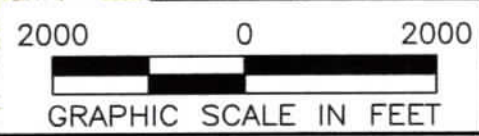
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<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.133308°
LONGITUDE: -80.612993°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.103832°
LONGITUDE: -80.608630°



**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.
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4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊙ EXISTING / PRODUCING WELLHEAD
- ✱ LPLX LANDING POINT LOCATION
- ⊕ EXISTING WATER WELL
- ⊙ EXISTING SPRING
- DRILLING UNIT
- == LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

10/13/2023

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: DALLAS HALL OHI	WELL # 406H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD, SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; LIBERTY	
SURFACE OWNER: AGNES L. HALL	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV	API # 047-069-00354	



Latitude: 40°10'00" SURFACE HOLE 8,289'

Latitude: 40°07'30" BOTTOM HOLE 7,074'

JACKSON SURVEYING INC.

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

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

Table with 2 columns: Location Name and UTM Coordinates (Northing, Easting). Includes Surface Hole Location (SHL), Landing Point Location (LPL), Azimuth Point Location-1 (AZL1), Azimuth Point Location-2 (AZL2), and Bottom Hole Location (BHL).

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Lists lines L1 through L4 with their respective bearings, distances, and descriptions.

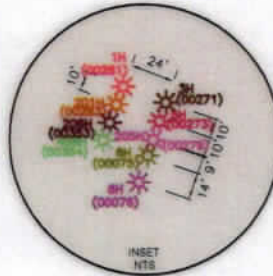
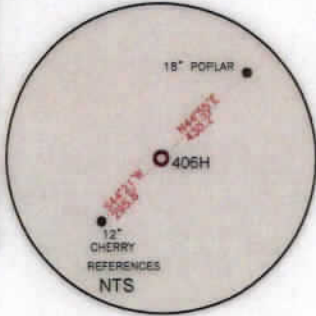
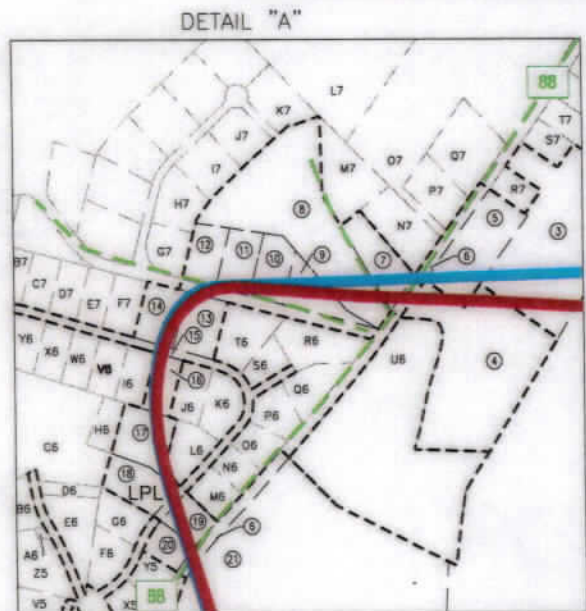


Table with 2 columns: Location Name and UTM Coordinates (Northing, Easting). Includes Surface Hole Location (SHL), Landing Point Location (LPL), Azimuth Point Location-1 (AZL1), Azimuth Point Location-2 (AZL2), and Bottom Hole Location (BHL).



WELL RESTRICTIONS

- List of 6 well restrictions including: no occupied dwellings > 2500 sq ft, no agriculture buildings > 2500 sq ft, no water wells or developed springs within 250 feet, etc.

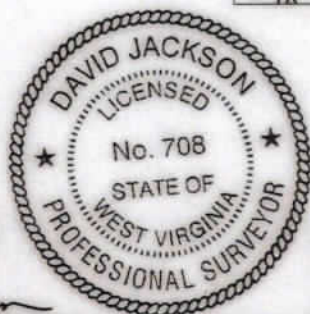
NOTES ON SURVEY

- Notes on survey including: surface and royalty owner information, boundaries shown hereon were plotted from deeds and/or tax parcel maps, etc.

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



COMPANY: SWN Production Company, LLC

Table with 2 columns: Well Information and Operator Information. Includes well type, accuracy, proven source, operator name, and API well number.

Table with 2 columns: Well Details and Production Information. Includes well type, watershed, district, surface owner, target formation, and estimated depth.

Table with 2 columns: Well Operator and Designated Agent. Includes company name, address, city, and state for both.

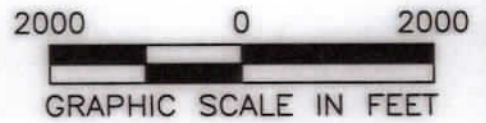
Table with 2 columns: Legend and Revisions. Includes symbols for proposed surface hole, existing wellhead, and drilling unit, along with revision details.



**JACKSON SURVEYING  
INC.**

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

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



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*

**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL\* LANDING POINT LOCATION
- EXISTING WATER WELL
- EXISTING SPRING
- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

10/13/2023

REVISIONS:	COMPANY:	<b>SWN</b> Production Company, LLC		<b>SWN</b> Production Company™	
	OPERATOR'S	DALLAS HALL OHI		API NUMBER:	DATE: 09-12-2023
	WELL #:	406H		47-069-00354	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE:	DRAWING NO:
	LIBERTY	OHIO	WV	N/A	WELL LOCATION PLAT 2



**JACKSON SURVEYING  
INC.**

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WEAVER DAVID M & BETH R	3-14-15
B	EVANS CATHERINE & DAVID	3-14-13.1
C	CLUSER MARY HELEN; TR	3-17-2
D	WHITAKER REVOCABLE FAMILY TRUST	3-17-27
E	DICKERSON CYNTHIA ANN HALL	3-17-1
F	HALL MICHAEL JAMES (2/3 INT) & DICKERSON CYNTHIA HALL (1/3)	3-17-20
G	HALL MICHAEL JAMES (2/3 INT) & DICKERSON CYNTHIA HALL (1/3)	3-17-21
H	MEALY MELISSA & FAUBER JENNA	4-R12-39
I	MCKENZIE RONALD M & DEBORAH	4-R12-39.1
J	CALDWELL JEFFREY WAYNE	4-R12-40.1
K	CALDWELL JEFFREY WAYNE	4-R12-40
L	RINEHART JAMES R JR	4-R12-41.3
M	RINEHART JAMES R JR	4-R12-41.1
N	LOUGH DONALD E & D A	4-R12-43
O	DENT SARA R & DAVID A	4-R12-45.22
P	DENT DAVID A & SARA R	4-R12-45.18
Q	THROCKMORTON SARA R DENT DAVID A	3-17-51
R	WHITAKER REVOCABLE FAMILY TRUST	3-17-27.3
S	WHITAKER REVOCABLE FAMILY TRUST	3-17-27
T	WHITAKER REVOCABLE FAMILY TRUST	3-17-26
U	KEREKES JAMES S & PAMELA SUE	3-17-25
V	BUCH JAMES E & SAMANTHA H	3-17-23
W	OTTE KAREN S	3-17-22.5
X	NEWLAND SUZANNE M	3-17-22.2
Y	DEMENT TRUST AUBER DARLENE TRUSTEE FOR	3-17-22.4
Z	STIFEL EDWARD W III	3-110-1
A2	SEABRIGHT JUNE M	3-110-1.3
B2	SEABRIGHT JUNE M	3-110-1.2
C2	BURKE STEPHEN R & RAINA J	3-110-1.1
D2	WHITING CHARLES ROBERT II	3-110-6
E2	CHAMBERS JASON A & AMBER D	3-110-14
F2	CHAMBERS JASON A & AMBER D	3-110-14.1
G2	GORBY MARK A & SARA	3-110-14.2
H2	HOLLANDWORTH KIMBERLY J ET AL	3-110-13
I2	COMER ALAN NATALIA OMELCHENKO-COMER	3-110-28.2
J2	ABRAHAM ZACHARY T & CATERINA M	3-110-28.1
K2	CONNIFF JONI & ROBERT	3-110-28.4
L2	MURPHY CHARLES W JR	3-110-33
M2	MURPHY CHARLES WILLIAM	3-110-10.6
N2	ROY RICHARD J JR & BETHLEEN	3-110-31
O2	MURPHY MICHAEL E & EILEEN A	3-110-32
P2	ALBRECHT LUTZ F & DORIS J-TOD	3-110-28.5
Q2	STONE REBECCA	3-110-29.1
R2	GILMORE LINDA	3-110-29
S2	BYRUM CAROLINE LOUSTAU	3-110-27.1
T2	LOUSTAU JEAN P & L P (RESV LF)BYRUM CAROLINE L	3-110-27
U2	ABRAHAM THOMAS R & S O	3-110-26
V2	BOARD OF COMM OHIO CO	3-113-3.1
W2	WEIR ROBERT AND BRIDGET	3-110-23.1
X2	MAXWELL JOSEPH E ANNA C MAXWELL REVOCABLE TRUST	3-113-1.2
Y2	OGLEBAY FOUNDATION PROPS INC MAXWELL ANNA C REV TRUST	3-113-1.1
Z2	LUCHETTI ROBERT R JR & TERESA	4-R18-29
A3	LUCHETTI ROBERT R SR - TOD	4-R15-28
B3	LUCHETTI ROBERT R SR - TOD	4-R15-28.4
C3	MILLER CALVIN F & B J	4-L10-25.1
D3	MILLER WILSON B	4-L10-25
E3	MILLER CALVIN F & BARBARA J	3-110-25.5
F3	MATTERN KENNETH MARK MATTERN DANA ANN	3-110-25.4
G3	CAREY WAYNE L	4-L10-25.3

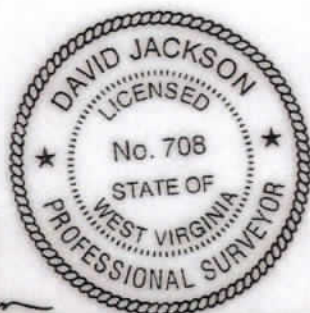
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	HALL MICHAEL JAMES (2/3 INT) & DICKERSON CYNTHIA HALL (1/3) (S/R)	3-L7-19
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	HALL MICHAEL JAMES (2/3 INT) & DICKERSON CYNTHIA HALL (1/3) (S)	3-L7-21.1
3	STERN VIRGINIA S (S)	4-R128-1.1
4	CASTLE KEITH D & AMANDA M (S)	4-R128-1.9
5	RODRIGUEZ EUSEBIO ELVESTROM (S)	4-R128-1.2
6	WV DEPARTMENT OF TRANSPORTATION (S)	ROUTE 88
7	BAKER JOSEPH MICHAEL (S)	4-R12-36.5
8	HOWARD CHRISTOPHER J (S)	4-R12-36
9	HOTLOZS FRANK A & C L B (S)	4-R128-10.6
10	STONEKING JAMES B & B J (S)	4-R128-10.5
11	STERN VIRGINIA S (S)	4-R128-10.1
12	STERN VIRGINIA S (S)	4-R128-10.8
13	KNIGHT JEFFREY M & KRISTEN M (S)	4-R12-19.26
14	BAKAITIS BRIAN S (S)	4-R12-19.24
15	FEDORKA FRANK TRUST 1993 (S)	4-R12-19
16	CALDWELL JEFFREY WAYNE (S)	4-R12-19.40
17	CARNEY MICHAEL B & KERRY M (S)	4-R12-19.6
18	MULL RICHARD C & D (S)	4-R12-19.10
19	DANN JEREMIAH & JENNIFER (S)	4-R12-19.11
20	SPARKS KEVIN T & KELLY L (S)	4-R12-19.7
21	LAWTHER DENNIS E AND ANNA M (S)	4-R12-35
22	JELLEN ELIZABETH M (S)	4-R12-41
23	DNR PROPERTIES LLC (S)	4-R12-41.4
24	DNR PROPERTIES LLC (S)	4-R12-41.2
25	TAYLOR KATHLEEN E & KEVIN J (S)	4-R12-44
26	DENT SARA R & DAVID A (S)	4-R12-45.21
27	SMITH DALE II (S)	4-R12-45.10
28	THROCKMORTON SARA R DENT DAVID A (S)	4-R12-45.16
29	ROBINSON JACOB (S)	3-17-22
30	PERRY MATTHEW T W & SHELLY L (S)	3-17-22.8
31	BIPPLUS CARL S (S)	3-110-2
32	BIPPLUS CARL S (S)	3-110-1.7
33	SEABRIGHT JUNE M (S)	3-110-1.6
34	BURKE STEPHEN R & RAINA J (S)	3-110-15
35	JOSEPH BRIAN E (S)	3-110-13.3
36	HAZLETT SUSAN H ET AL (S)	3-110-13.2
37	IRWIN WM F & M J (S)	3-110-13.1
38	WALTERS GLEN L & R S (S)	3-110-28
39	LUCHETTI ROBERT R SR - TOD (S)	3-110-23
40	BYRUM CAROLINE LOUSTAU (S)	3-110-27.3

\*HIGHLIGHTED PARCEL IMPACTED BY DRILLING ACTIVITY

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*



10/13/2023

REVISIONS:	COMPANY:		
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:
	WELL #:	406H	47-069-00354
	DISTRICT:	LIBERTY	STATE:
		OHIO	WV
			DATE: 09-12-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 3



**JACKSON SURVEYING  
INC.**

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
H3	WOOD MATHEW J & MARIA M	3-L10-25.7
I3	A D BAKER HOMES INC	3-L10-19.4
J3	LUCHETTI ROBERT R JR & TERESA	3-L10-19.5
K3	WHITE KRISTIAN E & NICOLE R	3-L10-23.2
L3	WHITE KRISTIAN E & NICOLE R	3-L10-19.3
M3	MACNEALY JON A AND KAREN L	3-L10-17.13
N3	PALMER LOUIS III	3-L10-17.16
O3	HUNTER LAURA L	3-L10-17
P3	MACNEALY JON A AND KAREN L	3-L10-17.5
Q3	CROW SHAWN & KIMBERLY A	3-L10-17.9
R3	KOLISCAK JENNA M JAFRATE CHRISTPHER A	3-L10-17.7
S3	KOLISCAK JENNA M JAFRATE CHRISTOPHER A	3-L10-17.8
T3	KOWCHECK DRAKE M & CAITLIN	4-R15-25.6
U3	REGAN CHRISTOPHER J & HILARY E	4-R15-23.4
V3	STIFEL EDWARD W III	4-R15-24
W3	FINNERAN LAWRENCE P & KATHLEEN	3-L10-1.5
X3	FINNERAN LAWRENCE P & KATHLEEN	3-L10-1.4
Y3	HIGH PHILIP D	3-L7-22.3
Z3	AMERICAN LEBANESE SYRIAN ASSOCIATED CHARITIES INC	3-L7-22.7
A4	BARBE BARRY A & CHRISTY	3-L7-22.6
B4	DECARLO VINCENT G & KRISTEN A	4-R12-45.3
C4	PHILLIPS TINA L & PADDEN EIZABETH A	4-R12-45.8
D4	CRAIG JEFFERY & LAUREN	4-R12-45.5
E4	TARR JOHN A IV	4-R12-45
F4	TENNANT JEFFREY AND ANGELA M	4-R12-45.7
G4	HENRY LORI J C/O HENRY'S SERVICE STATION	4-R12-31
H4	HARTO CHRISTOPHER L	4-R12-33
I4	DEGARMO SCOTT M & AMANDA K	4-R12-34
J4	LUZADER BEVERLY J	4-R12-32
K4	REAM ANN E	4-R12-30
L4	GORNEY MARY M(LIFE ESTATE) TAGG KATHLEEN G GORNEY	4-R12-24
M4	GANO DAVID BOYCE & MARY ELLEN	4-R12-35.1
N4	RUMIS HARRY A JR AND EDITH J RUMIS REVOCABLE TRUST	4-R12-23
O4	PARÉE MATTHEW J & TISHA L	4-R12-23.6
P4	JEBBIA E; RUTTENBERG R & O'DELL J	4-R12-23.5
Q4	BUFFINGTON ROBBY W	4-R12-23.9
R4	CIARROCCHI GLORIA J	4-R12-23.4
S4	BARON MICHAEL L AND KATHY D	4-R12-23.8
T4	WITZBERGER LAWRENCE W III & JACQUELYN MAIN	4-R12-22
U4	OHIO COUNTY PUBLIC SERV DIST	4-R12-35.3
V4	WITZBERGER LAWRENCE W & JACKIE M	4-R12-23.2
W4	WITZBERGER LAWRENCE IV	4-R12-19.5
X4	TIERRA HOME OWNERS ASSOCIATION INC	4-R12-19.32
Y4	TIERRA HOME OWNERS ASSOCIATION INC	4-R12-19.33
Z4	BOHN ROLLIN P & TARA M	4-R12-23.36
A5	STOLZ WILLIAM C	4-R12-23.7
B5	STOLZ WILLIAM C	4-R12-23.7
C5	DEFRANCO DAVID P & KRISTY A	4-R12-23.3
D5	ZAHNOW HOLLY J	4-R12-23.24
E5	GEORGE CHRISTOPHER T & AMBER D	4-R12-23.21
F5	BOHN ROLLIN P & TARA	4-R12-23.22
G5	PARÉE MATTHEW J & TISH L	4-R12-23.20
H5	PARÉE TISH L NELSON DALE & PAMELA	4-R12-23.23
I5	CANESTRARO VICTOR R & TRACY L	4-R12-23.25
J5	DIMMICK DANIEL AUGUSTUS & TAMA LYNN	4-R12-23.18
K5	MILLER JOHN DAVID & JENNIFER LYN	4-R12-23.26
L5	MILLER JOHN DAVID & JENNIFER L	4-R12-23.33
M5	MENDELSON MATTHEW D & SHARON R	4-R12-23.28
N5	MENDELSON MATTHEW JONES SHARON	4-R12-23.11

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
O5	MENDELSON MATTHEW D JONES SHARON R	4-R12-23.10
P5	RATCLIFFE MICHAEL THOMAS & MICHELLE LYNN	4-R12-23.15
Q5	JONES ROBERT E LIVING TRUST C/O JONES ROBERT E TRUSTEE	4-R12-18
R5	KEDING STEPHEN E & DEBORAH E	4-R12-19.21
S5	RHOME DANIEL D & WENDY L	4-R12-19.45
T5	LAWTHER DENNIS E AND ANNA M	4-R12-19.35
U5	MARSH BENJAMIN A	4-R12-19.31
V5	ELSWICK CARLEY & CHRISTOPHER	4-R12-21
W5	WOODS EDWARD A & K L	4-R12-21.1
X5	LUCAS RICHARD J & KRISTEN L	4-R12-19.4
Y5	COLUMBIA GAS TRANSMISSION CORP	4-R12-19.1
Z5	WOLF THOMAS J & JUDITH K	4-R12-19.8
A6	WOLF THOMAS J & JUDITH K	4-R12-19.42
B6	BROADWATER FRANCINE	4-R12-19.44
C6	BROADWATER TRAVIS	4-R12-19.25
D6	YAHN CHRISTOPHER & JACQUELINE	4-R12-19.3
E6	YAHN CHRISTOPHER & JACQUELINE	4-R12-19.2
F6	JACKSON HOLE PROPERTIES LLC	4-R12-19.15
G6	LONG BRIAN K & STACEY M	4-R12-19.13
H6	CARNEY MICHAEL B & KERRYN M	4-R12-19.12
I6	GRUBER ALEX J AMANDA L	4-R12-19.46
J6	EDGMON DENA M	4-R12-19.18
K6	GEORGE THOMAS E & K A	4-R12-19.16
L6	BURKEY MICHAEL P & ASHLEE A	4-R12-19.9
M6	NASH GARY ALLEN JR & NASH WHITNEY MARIE NOEL	4-R12-19.36
N6	NASH GARY A JR	4-R12-19.47
O6	NASH GARY A JR	4-R12-19.48
P6	FEDORKA DOLORES M TRUST 1993	4-R12-19.49
Q6	MORAY NICHOLAS & LAUREN	4-R12-19.19
R6	SHORT LUKE A KUCERA-SHORT JENNIFER L	4-R12-19.17
S6	SHORT LUKE A KUCERA-SHORT JENNIFER L	4-R12-19.20
T6	KUBOVICZ SUSAN K	4-R12-19.23
U6	CASTLE DAVID N & RITA A	4-R12B-1.3
V6	BARTON JEREMY D & BROOKE M	4-R12-19.37
W6	BARTON JEREMY D & BROOKE M	4-R12-19.27
X6	BARTON JEREMY D & BROOKE M	4-R12-19.38
Y6	BROADWATER TRAVIS J & JENNA M	4-R12-19.39
Z6	BROADWATER TRAVIS J & JENNA N	4-R12-19.51
A7	COTTRELL DOMINIC J & SHERRIE D	4-R12-19.34
B7	WODESKY ERIC & JENNIFER	4-R12-19.41
C7	BRYAN JENNIFER M	4-R12-19.43
D7	BRYAN JENNIFER M	4-R12-19.50
E7	MOORE MITCHELL & SANDRA	4-R12-19.29
F7	MOORE MITCHELL J & SANDRA	4-R12-19.28
G7	STERN VIRGINIA S	4-R12B-10.9
H7	HOWARD ANDREW	4-R12B-10.10
I7	HOWARD CHRISTOPHER J	4-R12B-10.11
J7	HOWARD CHRISTOPHER J	4-R12B-10.12
K7	HOWARD CHRISTOPHER J	4-R12B-10
L7	SMITH ORVILLE A II & ALEXIS PICKER	4-R9-32
M7	BURKHART MARY J G & M J	4-R12-36.3
N7	CARTISANO JOSEPH S & S P	4-R12-36.4
O7	SMITH ORVILLE A II & ALEXIS PICKER	4-R9-34
P7	PETTIT BERNARD A	4-R12-48
Q7	WEEKS BRADLEY & NANCY	4-R9-34.1
R7	PYLE JOHN R & T A	4-R12B-5
S7	JARVIS WILLIAM R & SANDRA K	4-R12B-6
T7	HASTINGS DALE A & JENNIFER E	4-R12B-1.4
U7	KELLAS STEVE	4-R12B-1.5
V7	GOSSETT MATHEW H	4-R12B-1
W7	STROMATOS GEORGE	3-L4-24
X7	STROMATOS GEORGE	3-L4-24.1
Y7	STROMATOS GEORGE	3-L4-24.2
Z7	RUTHERS DAVID G	3-L4-22
A8	HLA YE M & MYINT EI E	3-L4-20

10/13/2023

REVISIONS:	COMPANY:	 	
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:
	WELL #:	406H	47-069-00354
	DISTRICT:	LIBERTY	STATE:
		OHIO	WV
			DATE: 09-12-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 4



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

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

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

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

**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 <sup>Oil and Gas</sup> 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:

RECEIVED

SEP 20 2023

- 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

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 Co., LLC

By: Gavin Nadeau, RPL

Its: Senior Landman

EXHIBIT "A"						
Dulles Hall ORE 4663						
Ohio County, West Virginia						
Attached to and made a part of the State of West Virginia Oil and Gas Pooled Plan, WVN-641, by SWN Production Company, L.L.C., Operator						
#	TRIP	LESSEE	LESSOR	BONAFITY	MGPO	% INTEREST NOT LEASED BY SWN PRODUCTION COMPANY, L.L.C.
1)	01-06-7-0019-0000	Dulles J. Hall and Agnes L. Hall, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81124 88461	0.00%
2)	01-06-7-0021-0001	Dulles J. Hall and Agnes L. Hall, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81124 88461	0.00%
3)	04-8-128-0001-0001	John R. Fyfe, Sr. and Thelma A. Fyfe, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81128 88413	0.00%
4)	04-8-128-0001-0002	John R. Fyfe, Sr. and Thelma A. Fyfe, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81128 88413	0.00%
5)	04-8-128-0001-0003	John R. Fyfe, Sr. and Thelma A. Fyfe, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81128 88413	0.00%
6)	WV112 88	West Virginia Department of Transportation, Division of Highways	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	15.00%	83811 88320	0.00%
7)	04-8-128-0036-0003	Kelly G. Coates, single	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	85826 88450	0.00%
8)	04-8-128-0036-0006	James R. Coats and Joanne J. Coats, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	85810 88470	0.00%
9)	04-8-128-0010-0005	Frank A. Hodder and Cindy L. Hodder/Hodder, by Frank A. Hodder as Attorney-in-Fact, husband and wife	SWN Production Company, L.L.C.	18.00%	81253	0.00%
10)	04-8-128-0010-0007	James P. Hodder and Victoria J. Hodder, husband and wife	SWN Production Company, L.L.C.	18.00%	82882	0.00%
11)	04-8-128-0010-0008	Virginia Sander Bern	SWN Production Company, L.L.C.	18.00%	84571	0.00%
12)	04-8-128-0010-0009	Virginia Sander Bern	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	84371 88470	0.00%
13)	04-8-128-0019-0026	Judith M. Knight and Eugene M. Knight, husband and wife	SWN Production Company, L.L.C.	18.00%	81876	0.00%
14)	04-8-128-0019-0025	Brian S. Kuhn, single	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	86880 88469	0.00%
15)	04-8-128-0019-0000	Frank Pedraza, Co-Trustee of the Frank Pedraza Trust of 1997	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81882 88493	0.00%
16)	04-8-128-0019-0040	Frank Pedraza, Co-Trustee of the Frank Pedraza Trust of 1997	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81882 88493	0.00%
17)	04-8-128-0019-0006	Michael B. Cursey and Kayna M. Cursey, husband and wife	SWN Production Company, L.L.C.	18.00%	88097	0.00%
18)	04-8-128-0019-0010	Kathleen C. Hill and Dennis Hill, husband and wife	SWN Production Company, L.L.C.	18.00%	83058	0.00%
19)	04-8-128-0019-0011	Thomas P. Hill and Virginia Hill, husband and wife	Chesapeake Appalachia, L.L.C.	18.00%	82882	0.00%
20)	04-8-128-0019-0007	Michael W. Bennett and Kristina C. Bennett, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	87718 89349	0.00%
21)	04-8-128-0007-0000	John P. Waly, married	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81841 88461	0.00%
22)	04-8-128-0041-0000	Elizabeth Maguire Johns, a married woman, dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81344 88469	0.00%
23)	04-8-128-0041-0004	William M. Berwick, single	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	85013 88465	0.00%
24)	04-8-128-0041-0002	William M. Berwick, single	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	82943 88465	0.00%
25)	04-8-128-0044-0000	Katherine E. Taylor, a married woman dealing in her sole and separate property, and Kevin J. Taylor, a single man	SWN Production Company, L.L.C.	18.00%	81833	0.00%
26)	04-8-128-0043-0021	John A. Taylor, IV	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	88413 84178	0.00%
27)	04-8-128-0043-0010	L. Dale Smith, II and Karen L. Smith, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	84178 88124	0.00%
28)	04-8-128-0043-0016	David A. West and Sarah B. West, aka Sara B. Throckmorton, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	8629 88576	0.00%
29)	03-08-7-0022-0000	Jacob M. Johnson, Jr.	SWN Production Company, L.L.C.	18.00%	1015716	0.00%
30)	03-08-7-0022-0009	Matthew T. W. Perry and Marly L. Perry, husband and wife	Autreous Petroleum Partners Operating, L.L.C. SWN Production Company, L.L.C.	18.00%	92373 86680	0.00%
31)	03-08-10-0002-0000	Carl S. Boppa	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81475 88375	0.00%
32)	03-08-10-0001-0007	Carl S. Boppa	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81475 88375	0.00%
33)	03-08-10-0001-0006	Ann M. Seabright	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81573 8847	0.00%
34)	03-08-10-0015-0000	Stephen R. Berts and Kaitia J. Berts, husband and wife	SWN Production Company, L.L.C.	18.00%	81733	0.00%
35)	03-08-10-0013-0002	Bryce E. Joseph and Peter Joseph, husband and wife	SWN Production Company, L.L.C.	18.00%	81281	0.00%
36)	03-08-10-0013-0003	Robert C. Hodder, Jr. and Margaret L. Hodder, husband and wife	SWN Production Company, L.L.C.	18.00%	81182	0.00%
37)	03-08-10-0013-0001	William P. Lewis and Rebecca B. Lewis, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81182 88315	0.00%
38)	03-08-10-0028-0000	Owen L. Walters and Rebecca S. Walters, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	18.00%	81480 88375	0.00%
39)	03-08-10-0023-0000	Robert K. Lachant, III and Adrienne T. Lachant, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, L.L.C.	12.50%	79257 88128	0.00%
40)	03-08-10-0023-0001	Carole R. Byrum and Caroline Byrum, husband and wife	Chesapeake Appalachia, L.L.C. TriEnergy, Inc. SWN Production Company, L.L.C.	12.50%	79257 88375	0.00%

END OF EXHIBIT "A"

RECEIVED  
OCT 10 2023  
SEP 20 2023  
WV Department of  
Environmental Protection





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

September 22, 2022

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

**RE:** SWN's proposed New Well: Dallas Hall OHI 406H in Ohio County, West Virginia, Drilling under Deerhaven Drive, Log Cabin Lane, Oglebay Drive, Short Creek Road, Dement Road, and Dixon Run Road.

Dear Mr. Brewer:

SWN Production Company, LLC ("SWN") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to SWN's right to drill under Deerhaven Drive, Log Cabin Lane, Oglebay Drive, Short Creek Road, Dement Road, and Dixon Run Road. Please be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Respectfully,

**SWN Production Company, LLC**

Gavin Nadeau, RPL  
Landman

RECEIVED  
Office of Oil and Gas  
SEP 20 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+®

10/13/2023