

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-069-00231 County OHIO District TRIADELPHIA
Quad VALLEY GROVE Pad Name _____ Field/Pool Name PANHANDLE
Farm name DOROTHY V FRYE (LIFE ESTATE), AMY M FRY & CARRIE L FRYE (REMAINDERMAN) Well Number CHARLES FRYE OHI 405H
Operator (as registered with the OOG) SWN PRODUCTION COMPANY, LLC
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,433,728.730 Easting 536,079.926
Landing Point of Curve Northing 4,434,214.658 Easting 536,694.864
Bottom Hole Northing 4,436,895.636 Easting 535,249.490

Elevation (ft) 1266.8 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
SOBM

Date permit issued 07/01/2019 Date drilling commenced 11/21/2019 Date drilling ceased 12/02/2019
Date completion activities began 02/25/2020 Date completion activities ceased 04/01/2020
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 548' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 774' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 634' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) Y



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Reviewed by:
SB JPL/8 2 2020
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API 47-069 - 00231

Farm name DOROTHY V FRYE (LIFE ESTATE), AMY M FRY & CARRIE L FRYE (REMAINDER) Well number CHARLES FRYE OHI 405H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	24	20	126'	NEW	J-55/94#		Y
Surface	17.5	13.375	733'	NEW	J-55/54.50#		Y
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2,083'	NEW	J-55/36#		Y, 35 bbls
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	17,627'	NEW	P-110/20#		Y
Tubing		2.875	7,663'	NEW	P-110/6.50#		N
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ²)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	758	15.60	1.20	909.60	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	781	15.60	1.19	929.39	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3,206	15.60	1.19	3,815.14	SURFACE	24
Tubing							

Drillers TD (ft) 17,627' Loggers TD (ft) 17,627'

Deepest formation penetrated MARCELLUS SHALE Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 6,330'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: 7 CENTRALIZERS - EVERY THIRD JOINT OF CASING

INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: 181 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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Farm name DOROTHY V FRYE (LIFE ESTATE), AMY M FRY & CARRIE L FRYE (REMAINDER) Well number CHARLES FRYE OHI 405H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>MARCELLUS SHALE</u>	<u>6,473'</u> TVD	<u>7,398'</u> MD
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3,106 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 3,417 mcfpd Oil 278 bpd NGL _____ bpd Water 514 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	<u>0</u>		<u>0</u>		
	<u>SEE</u>	<u>ATTACHMENT</u>	<u>3</u>		

Please insert additional pages as applicable.

Drilling Contractor SWN DRILLING COMPANY
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

Logging Company SCHLUMBERGER
Address 10101 WOODLOCH FOREST DR City THE WOODLANDS State TX Zip 77380

Cementing Company BJ SERVICES
Address 11211 FM 2920 City TOMBALL State TX Zip 77377

Stimulating Company SWN WELL SERVICES
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

Please insert additional pages as applicable.

Completed by Elizabeth Gee Telephone 832-796-2873
Signature [Signature] Title Staff Regulatory Analyst Date 06/30/20

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

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CHARLES FRYE OHI 405H

ATTACHMENT 1

PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	1/27/2020	17,580	17,489	36
2	2/26/2020	17,453	17,274	36
3	2/26/2020	17,241	17,062	36
4	2/27/2020	17,029	16,851	36
5	2/27/2020	16,817	16,644	36
6	2/28/2020	16,607	16,427	36
7	2/28/2020	16,393	16,215	36
8	2/29/2020	16,181	16,003	36
9	2/29/2020	15,970	15,795	36
10	2/29/2020	15,758	15,579	36
11	3/1/2020	15,541	15,367	36
12	3/1/2020	15,334	15,155	36
13	3/1/2020	15,122	14,941	36
14	3/2/2020	14,913	14,731	36
15	3/2/2020	14,698	14,519	36
16	3/2/2020	14,486	14,310	36
17	3/3/2020	14,274	14,096	36
18	3/3/2020	14,062	13,884	36
19	3/3/2020	13,850	13,674	36
20	3/4/2020	13,638	13,460	36
21	3/4/2020	13,427	13,248	36
22	3/7/2020	13,215	13,039	36
23	3/8/2020	13,003	12,824	36
24	3/8/2020	12,790	12,612	36
25	3/9/2020	12,579	12,400	36
26	3/10/2020	12,367	12,188	36
27	3/10/2020	12,155	11,976	36
28	3/11/2020	11,943	11,764	36
29	3/12/2020	11,731	11,553	36
30	3/12/2020	11,519	11,341	36
31	3/13/2020	11,307	11,129	36
32	3/13/2020	11,095	10,917	36
33	3/14/2020	10,883	10,705	36
34	3/15/2020	10,672	10,493	36
35	3/15/2020	10,460	10,281	36
36	3/16/2020	10,248	10,069	36
37	3/17/2020	10,036	9,857	36
38	3/17/2020	9,824	9,645	36
39	3/18/2020	9,612	9,424	72
40	3/19/2020	9,400	9,221	36
41	3/19/2020	9,188	9,010	36
42	3/19/2020	8,976	8,798	36
43	3/20/2020	8,764	8,586	36

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CHARLES FRYE OHI 405H

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PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
44	3/21/2020	8,552	8,374	36
45	3/20/2020	8,340	8,162	36
46	3/21/2020	8,129	7,950	36
47	3/21/2020	7,917	7,738	36
48	3/22/2020	7,705	7,526	36

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CHARLES FRYE OHI 405H

ATTACHMENT 2

STIM REPORT

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment	Max Breakdown	ISIP (PSI)	Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/othe
1	2/25/2020	71	8,005	4,433	4,651	248,480	77,445	0
2	2/26/2020	94	7,961	5,137	5,043	423,500	8,923	0
3	2/27/2020	89	7,752	5,914	5,048	430,760	8,611	0
4	2/27/2020	85	7,372	5,494	4,481	401,554	7,931	0
5	2/28/2020	87	8,165	5,692	4,232	432,310	8,249	0
6	2/28/2020	89	8,199	6,181	4,552	420,260	8,245	0
7	2/29/2020	69	8,395	6,182	4,548	429,890	9,682	0
8	2/29/2020	67	8,313	5,174	4,735	414,080	7,599	0
9	2/29/2020	79	7,956	5,289	4,364	429,160	7,886	0
10	3/1/2020	90	7,921	5,991	4,412	433,938	8,006	0
11	3/1/2020	98	8,314	4,951	5,117	429,940	7,499	0
12	3/1/2020	86	7,948	6,037	4,761	433,280	8,682	0
13	3/2/2020	94	8,159	6,098	4,562	434,540	8,136	0
14	3/2/2020	92	8,093	5,048	5,083	435,360	7,305	0
15	3/2/2020	96	7,740	5,903	4,988	437,270	7,220	0
16	3/2/2020	97	7,914	6,172	4,256	414,920	7,435	0
17	3/3/2020	97	7,708	6,000	5,215	436,480	7,684	0
18	3/3/2020	95	7,799	5,301	4,988	437,110	7,281	0
19	3/3/2020	97	7,670	6,084	4,421	417,520	7,925	0
20	3/4/2020	93	7,969	4,578	4,676	420,930	7,681	0
21	3/7/2020	87	7,954	5,896	4,376	354,110	7,056	0
22	3/7/2020	74	8,033	5,769	4,387	413,980	8,271	0
23	3/8/2020	86	7,890	5,107	4,466	419,250	7,852	0
24	3/9/2020	88	8,042	6,178	4,554	417,880	7,468	0
25	3/10/2020	95	7,843	6,124	4,284	418,630	7,428	0
26	3/10/2020	95	7,800	5,345	4,813	420,220	7,316	0
27	3/11/2020	98	7,868	5,943	4,456	407,440	7,386	0
28	3/11/2020	95	7,719	6,014	4,237	419,810	8,675	0
29	3/12/2020	95	7,724	5,874	4,430	413,330	9,141	0
30	3/13/2020	93	7,911	6,214	4,368	423,580	7,511	0
31	3/13/2020	86	7,678	5,839	4,668	415,860	7,947	0
32	3/14/2020	92	7,987	6,177	4,356	414,020	7,351	0
33	3/15/2020	94	7,702	6,273	4,646	265,340	6,208	0
34	3/15/2020	95	7,903	6,089	4,219	412,100	7,452	0
35	3/16/2020	95	7,735	6,202	4,489	411,800	7,530	0
36	3/16/2020	96	7,359	6,130	4,432	414,360	7,415	0
37	3/17/2020	97	7,279	6,183	4,341	419,000	7,464	0
38	3/18/2020	97	7,586	6,836	4,352	418,100	7,731	0
39	3/18/2020	92	7,724	5,413	5,100	349,360	9,707	0
40	3/19/2020	97	7,254	6,428	4,329	415,190	7,756	0
41	3/19/2020	99	7,063	6,123	5,102	416,780	7,780	0
42	3/20/2020	100	7,280	5,963	5,129	406,610	7,091	0
43	3/20/2020	96	7,036	6,284	4,832	369,900	7,024	0
44	3/20/2020	98	7,247	6,324	4,607	414,740	7,089	0
45	3/21/2020	96	7,272	6,024	4,352	414,520	8,155	0
46	3/21/2020	98	6,928	6,377	4,310	409,880	6,135	0
47	3/21/2020	99	7,195	6,281	4,889	414,570	7,132	0
48	3/22/2020	100	6,897	6,742	4,311	413,400	7,647	0

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Well Name: Charles Frye OHI 405H 47069002310000

Well Name: Charles Frye OHI 405H

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)	QUANTITY AND TYPE OF FLUID
Base of Fresh Water	0.00	0.00	548.00	548.00	
Top of Salt Water	774.00	774.00	NA	NA	
Pittsburgh Coal	634.00	634.00	923.00	923.00	
Pottsville (ss)	923.00	923.00	1139.00	1139.00	
Raven Cliff (ss)	1139.00	1139.00	1538.00	1538.00	
Maxton (ss)	1538.00	1538.00	1813.00	1813.00	
Big Injun (ss)	1813.00	1813.00	2386.00	2386.00	
Berea (siltstone)	2386.00	2386.00	6500.00	5929.00	
Rhinstreet (shale)	6500.00	5929.00	6827.00	6168.00	
Cashaqua (shale)	6827.00	6168.00	6919.00	6241.00	
Middlesex (shale)	6919.00	6241.00	7038.00	6322.00	
Burket (shale)	7038.00	6322.00	7074.00	6345.00	
Tully (ls)	7074.00	6345.00	7133.00	6375.00	
Mahantango (shale)	7133.00	6375.00	7398.00	6473.00	
Marcellus (shale)	7398.00	6473.00	NA	NA	GAS

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	2/25/2020
Job End Date:	3/22/2020
State:	West Virginia
County:	Ohio
API Number:	47-069-00231-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	CHALRES FRYE OHI 405
Latitude:	40.05303000
Longitude:	-80.57699200
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,469
Total Base Water Volume (gal):	18,491,206
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Base Water	Operator	Base Fluid					
Toxicide PS 50A	SWN Well Services	Biocide		Listed Below			
				Listed Below			

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					Alcohols, C12-1, ethoxylated	68551-12-2	1.50000	0.00127
					Oleic Acid	93-83-4	1.50000	0.00127
					Diethanolamide	64-19-7	37.50000	0.00080
					Acetic Acid	67-56-1	80.00000	0.00049
					Methanol	15827-60-8	10.00000	0.00049
					Diethylenetriamine penta	77-92-9	22.50000	0.00048
					Citric Acid	397256-50-7	1.00000	0.00022
					Acrylic acid terpolymer	68951-67-7	9.67400	0.00006
					Oxyalkylated fatty acid	61790-12-3	5.02700	0.00003
					Fatty acids	68527-49-1	4.74600	0.00003
					Modified thiourea polymer	127-08-2	0.02200	0.00000
					Potassium acetate	50-00-0	0.00400	0.00000
					Formaldehyde			

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

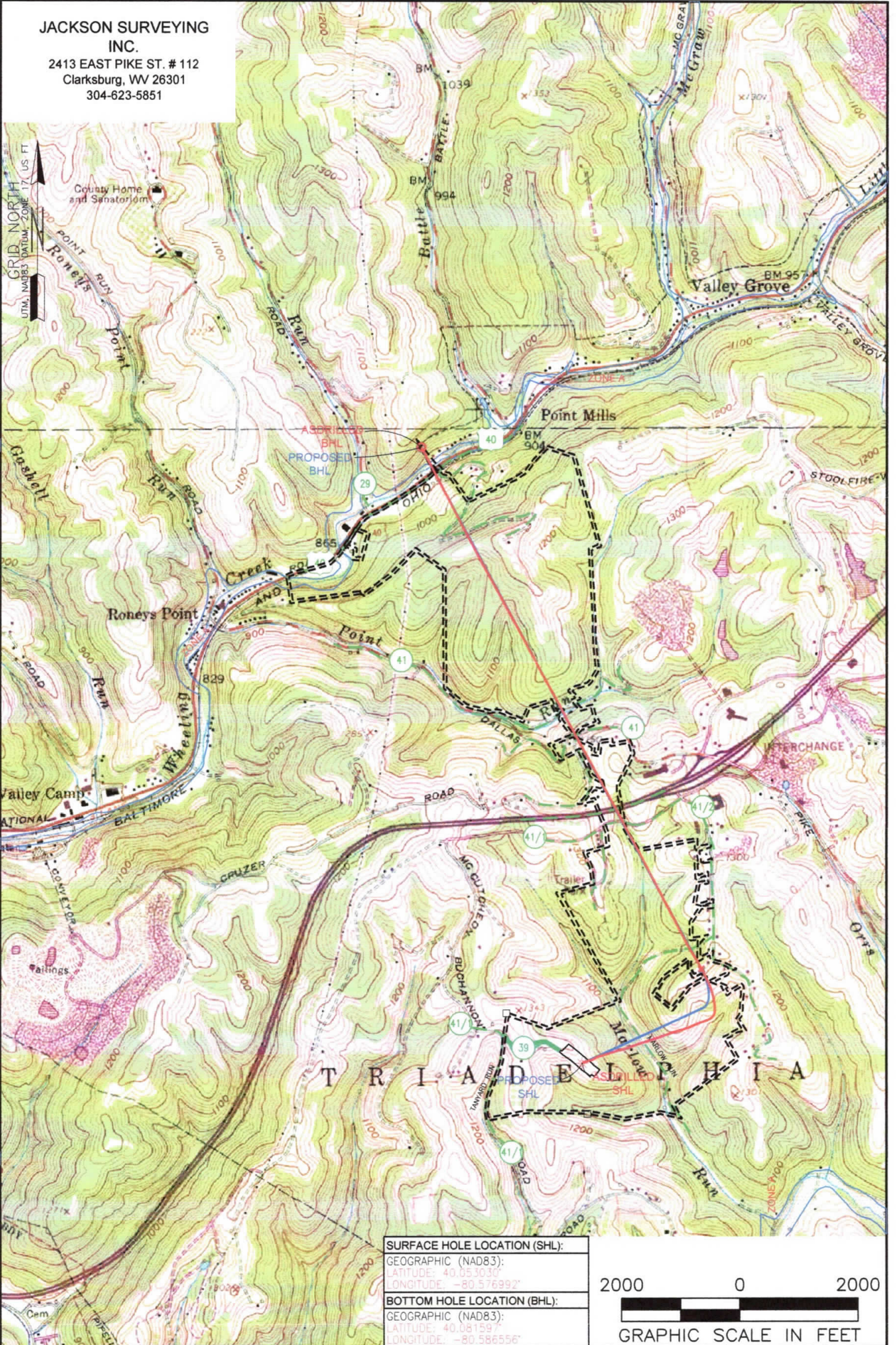
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JACKSON SURVEYING

INC.

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

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.053030°
LONGITUDE: -80.576992°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.081597°
LONGITUDE: -80.586556°



- 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		SURVEYED BOUNDARY
	EXISTING / PRODUCING WELLHEAD		DRILLING UNIT
	LPL*		LEASE BOUNDARY
	EXISTING WATER WELL		ASDRILLED PATH
	EXISTING SPRING		PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CHARLES FRYE OHI	WELL # 405H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200, MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; TRIADDELPHIA	
SURFACE OWNER: DOROTHY V. FRYE (LIFE ESTATE), AMY M. FRYE & CARRIE L. FRYE (REMAINDERMAN)	USGS 7 1/2 QUADRANGLE MAP NAME VALLEY GROVE, WV	API# 47-069-00231	

Latitude: 40°05'00"

SURFACE HOLE 9,885'

Latitude: 40°05'00" BOTTOM HOLE 902'

JACKSON SURVEYING INC.

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

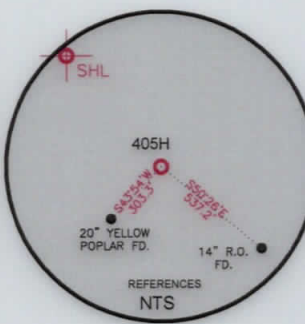
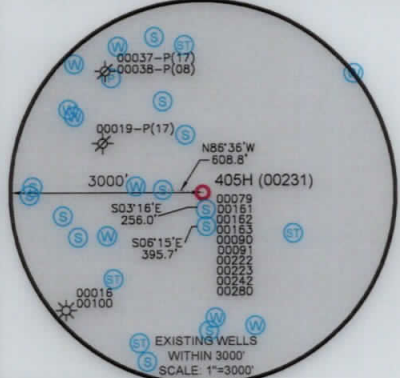
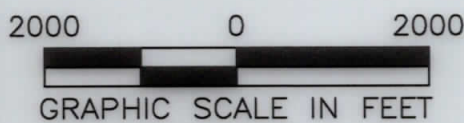
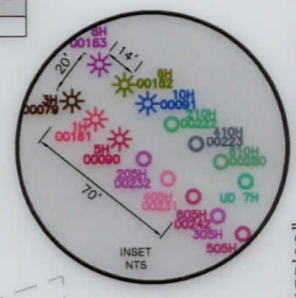
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 56°39'02" W	1533.99'	SHL TO LANDMARK	CNR FENCE POST
L2	S 05°58'52" E	856.53'	SHL TO LANDMARK	LARGE STONE
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 51°41'02" E	2571.38'	3,218.50'	SHL TO LP

BHL

BOTTOM HOLE 632'

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,728.584 EASTING: 536,079.874
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,209.840 EASTING: 536,696.306
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,893.975 EASTING: 535,247.991
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,728.730 EASTING: 536,079.926
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,214.658 EASTING: 536,694.864
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,895.636 EASTING: 535,249.490



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.

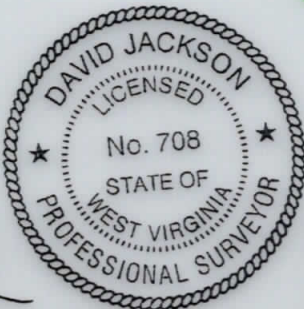
NOTES ON SURVEY

- 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 DEPICTED.

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



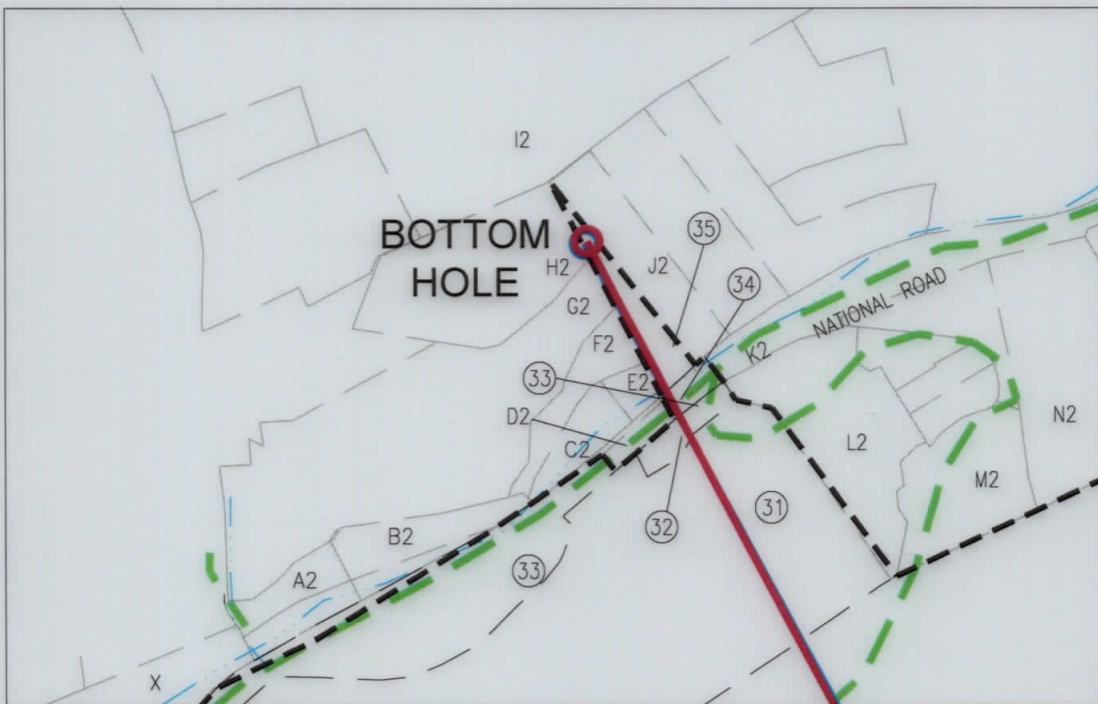
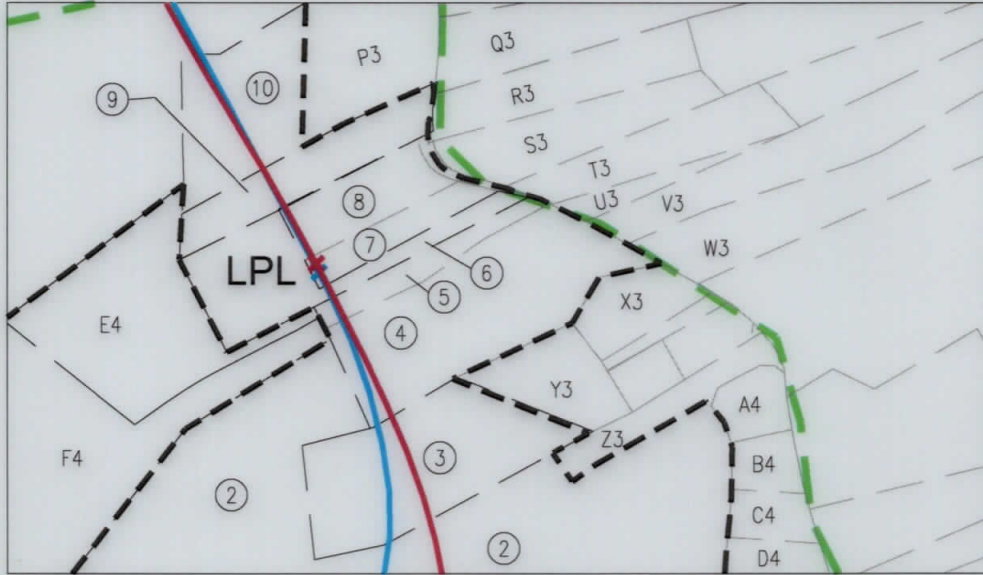
COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)</p>	<p>COMPANY: CHARLES FRYE OHI</p> <p>OPERATOR'S WELL #: 405H</p> <p>API WELL #: 47 069 00231</p> <p>STATE COUNTY PERMIT</p>
	<p>WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/></p> <p>WATERSHED: MARLOW RUN OF MIDDLE WHEELING CREEK OF WHEELING CREEK (HUC10) ELEVATION: 1,266.8'</p> <p>DISTRICT: TRIADELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE, WV</p> <p>SURFACE OWNER: DOROTHY V. FRYE (LIFE ESTATE), AMY M. FRYE & CARRIE L. FRYE (REMAINDERMAN) ACREAGE: ±105.00</p> <p>OIL & GAS ROYALTY OWNER: DOROTHY V. FRYE ACREAGE: ±105.00</p> <p>DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/></p> <p>CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,516 TVD 17,627 TMD</p>	

<p>WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p>	<p>DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p>
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<p>LEGEND:</p> <ul style="list-style-type: none"> 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 	<p>REVISIONS:</p>	<p>DATE: 06-23-2020</p> <p>DRAWN BY: N. MANO</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO:</p> <p>WELL LOCATION PLAT 1</p>
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JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26301
 304-623-5851





REVISIONS:	COMPANY:		
	OPERATOR'S	CHARLES FRYE OHI	API:
	WELL #:	405H	47-069-00231
	DISTRICT:	TRIADELPHIA	COUNTY:
		OHIO	STATE:
			WV
			DATE:
			06-23-2020
			DRAWN BY:
			N. MANO
			SCALE:
			N/A
			DRAWING NO:
			WELL LOCATION PLAT 2

**JACKSON SURVEYING
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WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	DOROTHY V. FRYE (LIFE ESTATE), AMY M. FRYE & CORRIE L. FRYE (REMAINDERMEN) (S)/ DOROTHY V. FRYE (R)	06-T14-01
TRACT	SURFACE OWNER	TAX PARCEL
2	GEORGE L. DUNN AND NANCY M. DUNN (LIFE ESTATE); AND KATHERINE A. POSEY, CHRISTOPHER R. DUNN, RHONDA L. HAND & CONSTANCE L. KERCHER (REMAINDERMEN) (S)	06-T9-20
3	CHRISTOPHER R. DUNN & TANAKA H. DUNN (S)	06-T9-20.46
4	NANCY DUNN (S)	06-T9-20.2
5	SARAH ANN PORTER (S)	06-T9-20.41
6	NICOLE SEIFERT (S)	06-T9-20.51
7	WILLIAM C. SCHUETZ & SANDRA SCHUETZ (S)	06-T9-20.5
8	WILLIAM C. SCHUETZ & SANDRA SCHUETZ (S)	06-T9-20.6
9	JOSHUA R. BOYD & AMY M. BOYD (S)	06-T9-20.39
10	JOSHUA R. BOYD & AMY M. BOYD (S)	06-T9-20.18
11	DOROTHY MAE SAMPSON (S)	06-T9-17
12	CHEROKEE TRADING POST, INC. (S)	06-T9-17.6
13	CHEROKEE TRADING POST, INC. (S)	06-T9-17.7
14	DALLAS PIKE CAMPGROUND INC. (S)	06-T9-16
15	DALLAS PIKE CAMPGROUND INC. (S)	06-T9-15
16	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	1-70
17	FREDERICK H. TUSTIN (S)	06-T9-15.1
18	WENDY JO ELDRIDGE & JOSEPH L. ELDRIDGE (S)	06-T9-15.7
19	LINDA M. ORR & ROBERT BRADY ORR (S)	06-T9-13.12
20	DOUGLAS BLANCO & AUDREY BLANCO (S)	06-T9-12
21	ROGER FADER (S)	06-T9-13.5
22	THOMAS D. STRICKLIN (S)	06-T9-13.6
23	ALICIA A. COAD & BRENT NIXON (S)	06-T9-08
24	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	WV COUNTY RT 41 DALLAS PIKE
25	ALLEN L. GELLNER & DEBRA M. GELLNER (S)	06-T9-01
26	EARL THOMAS BEABOUT SR. & ANN ELIZABETH BEABOUT (S)	06-T9-1.2
27	RANDAL ALAN HOWARD (S)	06-T8-16
28	JOEL GEORGE MCFARLAND, BRIAN N. MILAN & DON EARL MCFARLAND (S)	06-T8-13
29	KEVIN S. KOSEM & BRENDA A. KOSEM (S)	06-T3-27
30	JOEL GEORGE MCFARLAND, BRIAN N. MILAN & DON EARL MCFARLAND (S)	06-T8-12
31	MELODY E. GARRISON (S)	06-T3-20
32	CAROL G. TEMPLIN (S)	06-T3-20.1
33	MELODY E. GARRISON (S)	06-T3-33
34	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	NATIONAL ROAD
35	CAROL G. TEMPLIN (S)	08-VG10-01

ADJOINING OWNERS TABLE			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
A	DALLAS PIKE CAMPGROUND LLC	06-T9-16.4	MM	GOKUL INC. OF WV	06-T9-14
B	WARREN ALLEN GRIFFITH & SHARON MAE GRIFFITH	06-T9-15.3	NN	LINDA M. ORR & ROBERT BRADY	06-T9-13
C	MICHAEL J. JOHNSON	06-T9-15.6	OO	CHEROKEE TRADING POST, INC. (S)	06-T9-17.2
D	MICHAEL J. JOHNSON	06-T9-15.2	PP	DONALD T. PIKO	06-T9-28.2
E	EDWARD D. GARRISON	06-T9-11	QQ	BANK OF AMERICA, NA	06-T9-19
F	FREDERICK H. TUSTIN & CARLA J. TUSTIN	06-T9-15.4	RR	VAN A. SAMPSON & BRENDA M. SAMPSON	06-T9-17.8
G	MARGARET TUSTIN GREENWALD KLUG	06-T9-09	SS	DOROTHY M. SAMPSON	06-T9-17.5
H	JOHN E. STANTON & DIANE M. STANTON	06-T8-28	TT	DOROTHY M. SAMPSON	06-T9-18
I	LARRY J. DONATO	06-T8-23.1	UU	DAVID S. MURRAY	06-T9-17.4
J	KENNETH M. PARKER	06-T8-22	VV	FLOYD L. WENSEL	06-T9-17.3
K	MARY F. STONE	06-T8-15.1	WW	BRIAN D. DOLENCE & DONNA J. DOLENCE	06-T9-17.1
L	JOEL P. ORTH	06-T8-15	XX	JOSHUA R. BOYD & AMY M. BOYD	06-T9-20.22
M	DONNA LEE ROBERSON	06-T8-14	YY	JOSHUA R. BOYD & AMY M. BOYD	06-T9-20.52
N	RACHEL WIECHMAN, AMY MARTINI, JOHN WIECHMAN, ROBERT WIECHMAN, STEVEN WIECHMAN, RANDY WIECHMAN & GARY WIECHMAN	06-T8-11.1	ZZ	JEREMY A. STEWART & AMANDA J. STEWART	06-T9-20.17
O	GERALD T. MOORE & ANNA M. MOORE	06-T3-20.3	AAA	JAMES E. DUNN & DONNA M. DUNN	06-T9-20.16
P	GERALD T. MOORE	06-T3-20.2	BBB	JAMES E. DUNN & DONNA M. DUNN	06-T9-20.8
Q	MELODY GARRISON	06-T3-33.1	CCC	DAVID A. WILLIAMS & JANIE G. WILLIAMS	06-T9-20.11
R	CAROL G. TEMPLIN	06-T3-18.1	DDD	DAVID A. WILLIAMS & JANIE G. WILLIAMS	06-T9-20.13
S	AMC, INC.	06-T3-15.1	EEE	GEORGE L. DUNN & NANCY M. DUNN	06-T9-20
T	GERALD T. MOORE & ANNA M. MOORE	06-T3-15	FFF	MICHAEL P. ORTH & BRENDA K. CUNNINGHAM	06-T9-20.35
U	GERALD T. MOORE & ANNA M. MOORE	06-T3-15.3	GGG	THOMAS E. POSEY & KATHERINE A. POSEY	06-T9-20.36
V	RICHARD G. DEEVER	03-L13-16	HHH	CONSTANCE L. KERCHER	06-T9-20.49
W	KARL L. KOSEM SR. & CAROL J. KOSEM	08-VG10-2.1	III	GEORGE L. DUNN & NANCY M. DUNN (LIFE), KATHERINE A. POSEY, CHRISTOPHER DUNN, RHONDA L. HAND & CONSTANCE L. KERCHER	06-T9-20.50
X	ANDREW P. HOGAN	08-VG10-14.1	JJJ	JAMES L. ABERCROMBIE & DIANA L. ABERCROMBIE	06-T9-20.30
Y	ROBERT W. MCCORD JR. & DIANNA L. MCCORD	06-T3-21	KKK	JAMES L. ABERCROMBIE & DIANA L. ABERCROMBIE	06-T9-20.29
Z	LAURA R. BERNIER	06-T3-24	LLL	DONNA H. HOLMAN-ALOE	06-T9-20.23
AA	RUTH R. HALL	06-T3-25	MMM	MICHAEL J. WHEELER	06-T9-20.31
BB	WILMA E. BROCK & ROBERT A. BROCK	06-T3-26.1	NNN	MICHAEL J. WHEELER	06-T9-20.26
CC	RICHARD HENRY & REBECCA HENRY	06-T3-26	OOO	MICHAEL J. WHEELER	06-T9-20.37
DD	BILLIE JO LONG	06-T9-1.1	PPP	BRENT A. HILL & PATTY J. HILL	06-T9-20.47
EE	DEBRA M. GELLNER & ALLAN L. GELLNER	06-T9-2.4	QQQ	BRENT A. HILL & PATTY J. HILL	06-T9-20.32
FF	DEBRA M. GELLNER & ALLEN L. GELLNER	06-T9-2.1	RRR	DONALD W. PEGG & JANICE L. PEGG	06-T9-20.1
GG	LINDA M. ORR & ROBERT BRADY ORR	06-T9-13.11	SSS	GARY FLANEGIN	06-T9-20.20
HH	THOMAS D. STRICKLIN	06-T9-13.7	TTT	MICHAEL W. NASH & CERELIA J. NASH	06-T9-20.19
II	LINDA M. ORR & ROBERT BRADY ORR	06-T9-13.8	UUU	LISA A. OLIVER	06-T9-20.21
JJ	LINDA M. ORR & ROBERT BRADY ORR	06-T9-13.4	VVV	SARAH ANN PORTER (S)	06-T9-20.44
KK	LINDA M. ORR & ROBERT BRADY ORR	06-T9-13.13	WWW	PHILLIP MARQUART & KERSTEN MARQUART (S)	06-T9-20.45
LL	DONALD L. PIKO	06-T9-13.10			

REVISIONS:	COMPANY:	 	
	OPERATOR'S	CHARLES FRYE OHI	API:
	WELL #:	405H	47-069-00231
	DISTRICT:	TRIADDELPHIA	STATE:
		OHIO	WV
			DATE: 06-23-2020
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 3