



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, October 20, 2022
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

TUG HILL OPERATING, LLC
380 SOUTHPOINTE BOULEVARD, PLAZA II
SUITE 200
CANONSBURG, PA 15317

Re: Permit Modification Approval for ELMER N-17HU
47-103-03505-00-00

**Extend Lateral, Horizontal Leg Length to 10477.58', Total Measured Depth to 23000'
Updated Lease Chain**

TUG HILL OPERATING, 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, Chief, is written over a white background. The signature is cursive and stylized.

James A. Martin
Chief

Operator's Well Number: ELMER N-17HU
Farm Name: ELNORA TUTTLE
U.S. WELL NUMBER: 47-103-03505-00-00
Horizontal 6A New Drill
Date Modification Issued: 10/20/2022

Promoting a healthy environment.

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

October 12, 2022

Department of Environmental Protection
Office of Oil and Gas
Charleston, WV 25304

RE: Application for Deep Well Permit – API #47-103-03505

COMPANY: Tug Hill Operating, LLC

FARM: Elnora Tuttle Elmer N-17HU Modification

COUNTY: Wetzel DISTRICT: Proctor QUAD: Wileyville

The deep well review of the application for the above company is Approved to drill to Trenton for Point Pleasant completion. Pooling Docket 308-312

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1. Comments to Notice of Deviation filed? Yes, but withdrawn.
2. Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners? Yes
3. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells: **yes
4. Provided a plat showing that the productive interval of the well meets the requirements of the Rules of the Commission W. Va. C.S.R. § 39-1-4.2.

Sincerely,

Susan Rose
Administrator

**Elmer N-18HU 47-103-03467; Elmer N-15HU 47-103-03503; Elmer N-16HU 47-103-03504; Elmer N-14HU 47-103-03502; Burch Ridge S-6HU 47-051-02193; Burch Ridge S-7HU 47-051-02194; McMasters S-16HU 47-051-02337; McMasters S-17HU 47-051-02338; McMasters S-18HU 47-051-02339; McMasters S-19HU 47-051-02340; Hillrock S-12HU 47-051-02272; Hillrock S-13HU 47-051-02273; Hillrock S-14HU 47-051-02262; Hillrock S-15HU 47-051-02263; Simms U-5H 47-051-0731

10/21/2022

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

1) Well Operator: Tug Hill Operating, LLC 494510851 Wetzel Proctor Wileyville 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Elmer N-17HU Well Pad Name: Elmer

3) Farm Name/Surface Owner: Elnora Tuttle Public Road Access: Proctor Creek Road

4) Elevation, current ground: 1,310' Elevation, proposed post-construction: 1,276.50'

5) Well Type (a) Gas Oil Underground Storage

Other _____

(b) If Gas Shallow _____ Deep

Horizontal

*chk#
058341
\$2500e*

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Point Pleasant is the target formation at a depth of 11,697' - 11,816', thickness of 119' and anticipated pressure of approx. 7,500 psi.

8) Proposed Total Vertical Depth: 11,966'

9) Formation at Total Vertical Depth: Trenton

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10) Proposed Total Measured Depth: 23,000'

AUG 19 2022

11) Proposed Horizontal Leg Length: 10,447.58'

WV Department of
Environmental Protection

12) Approximate Fresh Water Strata Depths: 70; 1,009'

13) Method to Determine Fresh Water Depths: Based on the depth of Pittsburgh Coal seam, per WVGES mapping contours

14) Approximate Saltwater Depths: 1,645'

15) Approximate Coal Seam Depths: Sewickley Coal - 909' and Pittsburgh Coal - 1,003'

16) Approximate Depth to Possible Void (coal mine, karst, other): None anticipated

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: _____

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	30"	NEW	BW	BW	120'	120'	259ft^3(CTS)
Fresh Water/Coal	20"	NEW	J55	106.5#	1,125'	1,125'	1,802ft^3(CTS)
Intermediate 1	13 3/8"	NEW	J55	54.5#	2,950'	2,950'	2,079ft^3(CTS)
Intermediate 2	9 5/8"	NEW	HPP110	47#	10,863'	10,863'	3,548ft^3(CTS)
Production	5 1/2"	NEW	P110	23#	23,000'	23,000'	5,453ft^3(CTS)
Tubing	2 7/8"	NEW	P110	6.5#		11,419'	
Liners							

Kevin L Reynolds 7-28-22

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	30"	36"	1.0	2,333	1,866	CLASS A	1.2
Fresh Water	20"	26"	.5	2,410	1,928	SEE #24	1.2
Coal	13 3/8"	17 1/2"	.38	2,740	2,192	SEE #24	1.2
Intermediate	9 5/8"	12 1/4"	.472	10,730	6,968	SEE #24	1.33
Production	5 1/2"	8 1/2"	.415	16,510	13,208	SEE #24	1.17/1.19
Tubing	2 7/8"			14,530	11,624		
Liners							

PACKERS

Kind:	N/A			
Sizes:	N/A			
Depths Set:	N/A			

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

Drill through the Point Pleasant and TD Pilot Hole 150' into the Trenton. Log vertical section and run a solid cement plug back to proposed KOP(10,919'). Drill curve and lateral per proposed well plan, run and cement production casing. Perform CBL from 60 deg to surface, make cleanout run, and stimulate.

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

Well to be completed with approximately 26,200,000 lb. proppant and 470,000 bbl of water. Max rate = 80bpm; max psi = 9,000#.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 26.11 acres

22) Area to be disturbed for well pad only, less access road (acres): 7.63 acres

23) Describe centralizer placement for each casing string:

Will run 3 centralizers on surface casing at equal distance. Intermediate strings will have 1 centralizer every other joint. Production casing will have one centralizer every other joint in lateral, one centralizer every joint through curve, one centralizer every other joint to surface.

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

Sfc - Premium NE-1 + 2% CaCl; Int1 - Premium NE-1 + 1.5% CaCL + Flake; Int2 - Lead: Premium NE-1 + 5% BA-90 + .85% R-3 + 3% KCl + .75 gals/100sk FP-13L + 1% MPA-170 Tail: Premium NE-1 + .1% R-3 + 5% KCl + 1% CD-32 + .4% FL-52 + .2% ASA-301 + .6% Sodium Metasilicate; Kick Plug - Class H Cement + 1% CD-32 + .7% Sodium Metasilicate + .1% R-3 + .75 gal/100sk FP-13L; Prod - Lead: 50:50 (Poz:Class H) + .3% R-3 + .3% MPA-250 + .75 gal/100sk FP-13L Tail: 25:75 (Poz:Class H) + .3% R-3 + .3% MPA-250 + .375 gal/100sk FP-13L

25) Proposed borehole conditioning procedures:

Will circulate a minimum of 3 hours at TD, short trip to curve, circulate bottoms up, check for flow, POOH

*Note: Attach additional sheets as needed.

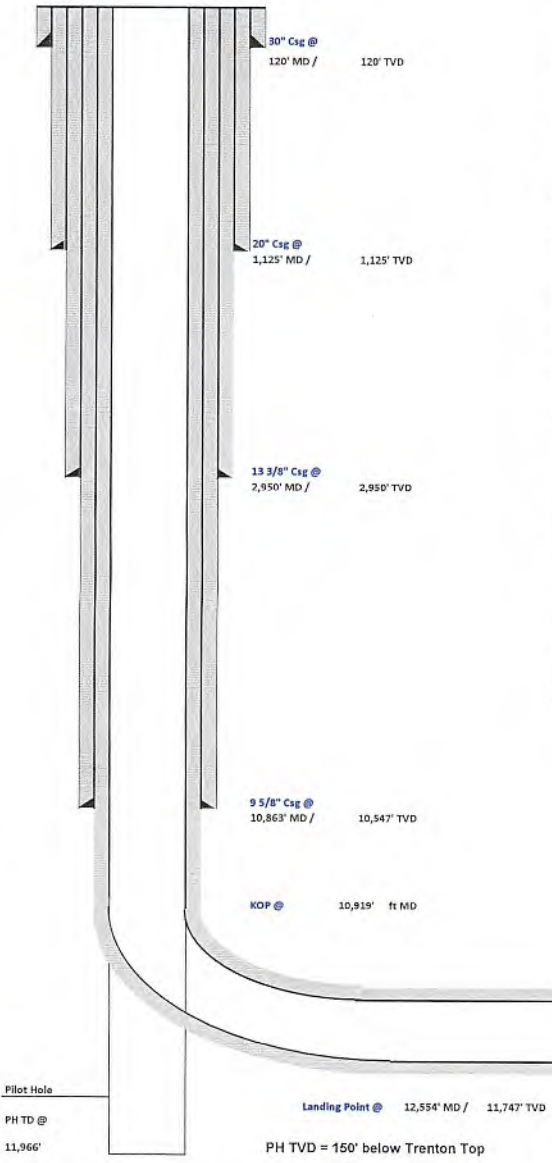


WELL NAME: Elmer N-17HU
STATE: WV **COUNTY:** Wetzel
DISTRICT: Proctor
DF Elev: 1,277' **GL Elev:** 1,277'
TD: 23,000'
TH Latitude: 39.69387189
TH Longitude: -80.73754862
BH Latitude: 39.71887
BH Longitude: -80.749933

FORMATION TOPS	
Formation	Depth TVD
Deepest Fresh Water	1,009'
Sewickley Coal	909'
Pittsburgh Coal	1,003'
Big Lime	2,190'
Berea	2,832'
Tully	6,744'
Marcellus	6,825'
Onondaga	6,875'
Salina	7,459'
Lockport	8,611'
Utica	11,453'
Point Pleasant	11,697'
Landing Depth	11,747'
Trenton	11,816'
Pilot Hole TD	11,966'

CASING SUMMARY							
Type	Hole Size (in)	Csg Size (in)	Depth (MD)	Depth (TVD)	Weight (lb/ft)	Grade	Top of Cement
Conductor	36	30	120'	120'	8W	BW	Surface
Surface	26	20	1,125'	1,125'	106.5	J55	Surface
Intermediate 1	17 1/2	13 3/8	2,950'	2,950'	54.5	J55	Surface
Intermediate 2	12 1/4	9 5/8	10,863'	10,547'	47	HPP110	Surface
Production	8 1/2	5 1/2	23,000'	11,565'	23	HCP110	Surface

CEMENT SUMMARY				DRILLING DETAILS	
Type	Sacks	Class	Density (ppg)	Fluid Type	Centralizer Notes
Conductor	338	A	15.6	Air	None
Surface	1,943	A	15.6	Air	3 Centralizers at equal distance
Intermediate 1	2,253	A	15.6	Air	1 Centralizer every other joint
Intermediate 2	3,226	A	14.5	Air	1 Centralizer every other joint
Production	5,569	A	16.5	Air / SOBMM	1 every other joint in lateral; 1 per joint in curve; 1 every other joint to surface



Pilot Hole
 PH TD @
 11,966'

Landing Point @ 12,554' MD / 11,747' TVD
 PH TVD = 150' below Trenton Top

Lateral TD @ 23,000' ft MD
 11,565 ft TVD



Tug Hill Operating, LLC Casing and Cement Program

Elmer N-17HU

Casing

	String	Grade	Bit Size	Depth (Measured)	Cement Fill Up
Conductor	30"	BW	36"	120'	CTS
Surface	20"	J55	26"	1,125'	CTS
Intermediate 1	13 3/8"	J55	17 1/2"	2,950'	CTS
Intermediate 2	9 5/8"	HPP110	12 1/4"	10,863'	CTS
Production	5 1/2"	HCP110	8 1/2"	23,000'	CTS

Cement

Conductor:	Premium NE-1 + 2% bwoc CaC12 + 46.5% Fresh Water – Conductor Cement mixed at 15.6 ppg, Y=1.2
Surface:	Premium NE-1 + 2% bwoc CaC12 + 46.5% Fresh Water – Surface Cement mixed at 15.6 ppg, Y=1.2
Intermediate 1:	Premium NE-1 + 1% bwoc CaC12 + 46.5% Fresh Water – Intermediate Cement mixed at 15.6 ppg, Y=1.2
Intermediate 2:	Premium NE-1 + 1% bwoc CaC12 + 46.5% Fresh Water – Intermediate Cement mixed at 14.5 ppg, Y=1.35
Kick Off Plug:	Class H Cement + 1% CD-32 + .7% Sodium Metasilicate + .1% R-3 + .75 gal/100sk FP-13L - KOP Plug
Production:	50:50 Poz: Premium NE-1 + .1% bwoc ASA-301 + 60lb/sk ASCA-1 + .35% bwoc BA-10A + .25% bwoc MPA-170, 44 lb sack + .5% bwoc R-3 + .75 gals/100sk FP-13L – Production Cement mixed at 16.5 ppg, Y = 1.03

10/21/2022



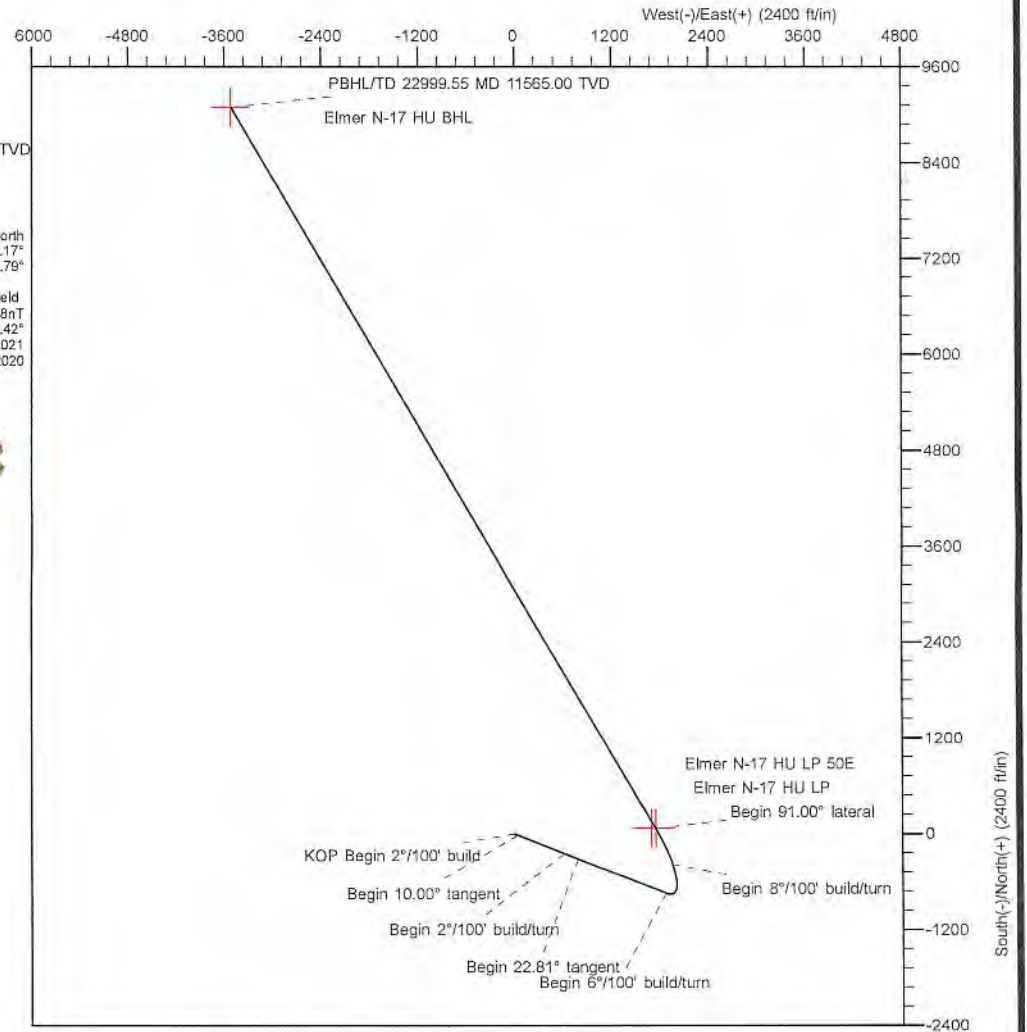
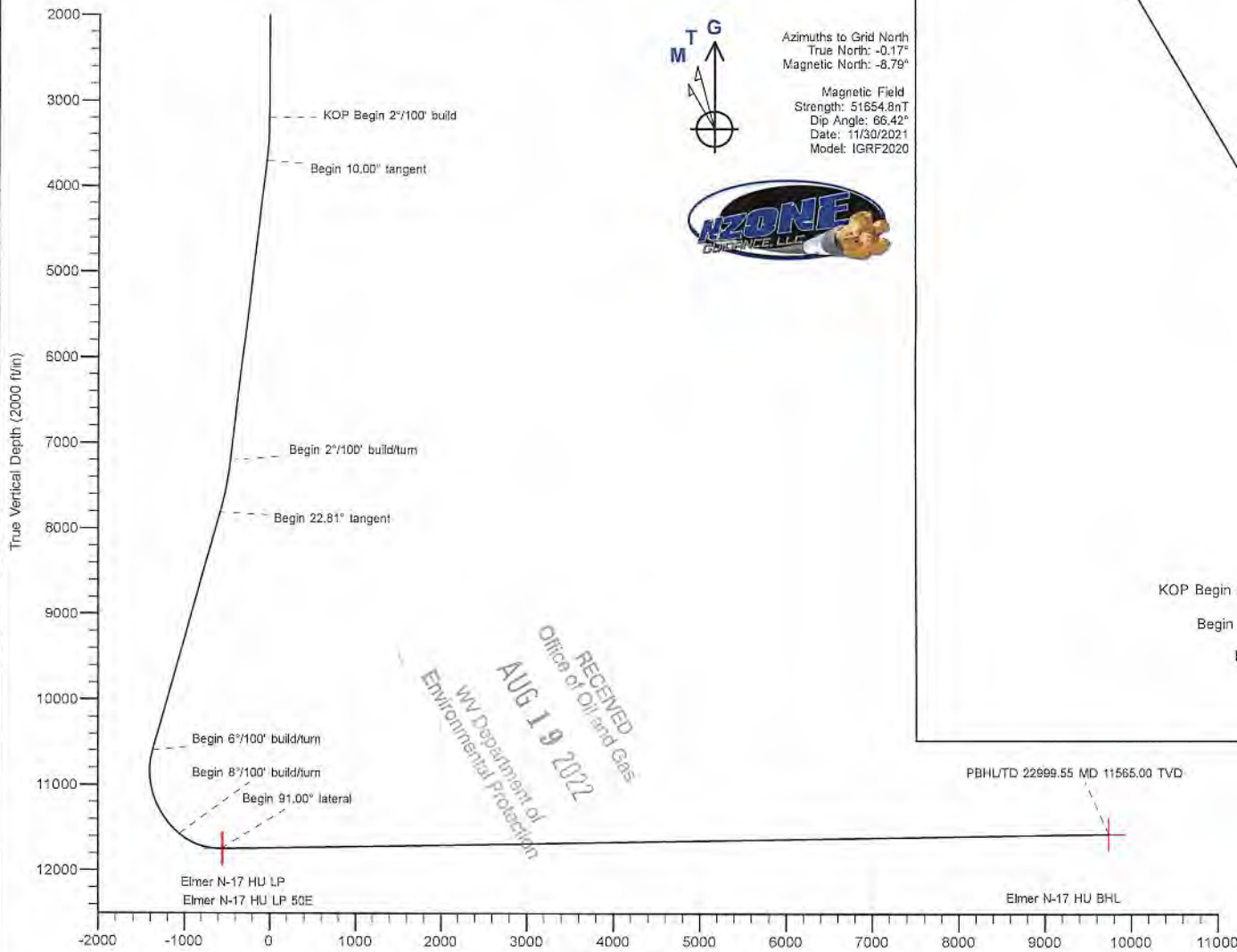
Well: Elmer N-17 HU (slot N)
 Site: Elmer
 Project: Wetzel County, West Virginia (UTM17 NAD83)
 Design: rev1

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Elmer N-17 HU BHL	11565.00	9092.44	-3509.09	4424463.229	1710734.556	39.718870000	-80.749933000
- plan hits target center							
Elmer N-17 HU LP	11747.00	76.79	1695.91	14415447.596	1715939.543	39.694069000	-80.731519000
- plan misses target center by 35.14ft at 12587.74ft MD (11746.36 TVD, 94.45 N, 1726.28 E)							
Elmer N-17 HU LP 50E	11747.00	76.79	1745.91	14415447.596	1715989.545	39.694068589	-80.731341247
- plan misses target center by 8.09ft at 12562.59ft MD (11746.80 TVD, 72.72 N, 1738.92 E)							

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	
2	3202.00	0.00	0.00	3202.00	0.00	0.00	0.00	0.000	0.00	KOP Begin 2°/100' build
3	3702.00	10.00	111.71	3699.47	-16.10	40.44	2.00	111.710	-29.58	Begin 10.00° tangent
4	7258.57	10.00	111.71	7202.00	-244.55	614.22	0.00	0.000	-449.30	Begin 2°/100' build/turn
5	7898.88	22.81	111.70	7814.97	-311.28	781.87	2.00	-0.013	-571.92	Begin 22.81° tangent
6	10919.07	22.81	111.70	10599.05	-744.18	1869.55	0.00	0.000	-1367.41	Begin 6°/100' build/turn
7	12021.96	50.00	342.28	11572.54	-379.35	1948.57	6.00	-139.892	-1055.49	Begin 8°/100' build/turn
8	12553.87	91.00	329.81	11746.95	65.18	1743.31	8.00	-18.621	-566.87	Begin 91.00° lateral
9	22999.55	91.00	329.81	11565.00	9092.44	-3509.09	0.00	0.000	9746.09	PBHLTD 22999.55 MD 11565.00 TVD



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Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD83 West Virginia - HARN
 Ellipsoid: GRS 1980
 Zone: Zone 17N (84 W to 78 W)
 System Datum: Mean Sea Level
 Depth Reference: GL @ 1277.00ft
 Northing: 14415370.805
 Easting: 1714243.638
 Latitude: 39.693871890
 Longitude: -80.737548620
 Total Corr (M->G): To convert a Magnetic Direction to a Grid Direction, Subtract 8.734



Planning Report - Geographic

Database:	DB_Dec2220_v16	Local Co-ordinate Reference:	Well Elmer N-17 HU (slot N)
Company:	Tug Hill Operating LLC	TVD Reference:	GL @ 1277.00ft
Project:	Wetzel County, West Virginia (UTM17 NAD83)	MD Reference:	GL @ 1277.00ft
Site:	Elmer	North Reference:	Grid
Well:	Elmer N-17 HU (slot N)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev1		

Project	Wetzel County, West Virginia (UTM17 NAD83)		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD83 West Virginia - HARN		
Map Zone:	Zone 17N (84 W to 78 W)		

Site	Elmer				
Site Position:		Northing:	14,415,313.835 usft	Latitude:	39.693715720
From:	Lat/Long	Easting:	1,714,207.744 usft	Longitude:	-80.737676810
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "		

Well	Elmer N-17 HU (slot N)					
Well Position	+N/-S	0.00 ft	Northing:	14,415,370.805 usft	Latitude:	39.693871890
	+E/-W	0.00 ft	Easting:	1,714,243.637 usft	Longitude:	-80.737548620
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	1,277.00 ft
Grid Convergence:						

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	11/30/2021	-8.626	66.424	51,654.83050072

Design	rev1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	2.00	0.00	0.00	338.90

Plan Survey Tool Program	Date				
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	22,999.55 rev1 (Original Hole)			



Planning Report - Geographic

Database:	DB_Dec2220_v16	Local Co-ordinate Reference:	Well Elmer N-17 HU (slot N)
Company:	Tug Hill Operating LLC	TVD Reference:	GL @ 1277.00ft
Project:	Wetzel County, West Virginia (UTM17 NAD83)	MD Reference:	GL @ 1277.00ft
Site:	Elmer	North Reference:	Grid
Well:	Elmer N-17 HU (slot N)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev1		

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
3,202.00	0.00	0.00	3,202.00	0.00	0.00	0.00	0.00	0.00	0.000	
3,702.00	10.00	111.71	3,699.47	-16.10	40.44	2.00	2.00	0.00	111.710	
7,258.57	10.00	111.71	7,202.00	-244.55	614.22	0.00	0.00	0.00	0.000	
7,898.88	22.81	111.70	7,814.97	-311.28	781.87	2.00	2.00	0.00	-0.013	
10,919.08	22.81	111.70	10,599.05	-744.18	1,869.56	0.00	0.00	0.00	0.000	
12,021.96	50.00	342.28	11,572.54	-379.35	1,948.57	6.00	2.47	-11.73	-139.692	
12,553.87	91.00	329.81	11,746.95	65.18	1,743.31	8.00	7.71	-2.34	-18.621	
22,999.55	91.00	329.81	11,565.00	9,092.44	-3,509.09	0.00	0.00	0.00	0.000	Elmer N-17 HU BHL

Database:	DB_Dec2220_v16	Local Co-ordinate Reference:	Well Elmer N-17 HU (slot N)
Company:	Tug Hill Operating LLC	TVD Reference:	GL @ 1277.00ft
Project:	Wetzel County, West Virginia (UTM17 NAD83)	MD Reference:	GL @ 1277.00ft
Site:	Elmer	North Reference:	Grid
Well:	Elmer N-17 HU (slot N)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
100.00	0.00	0.00	100.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
200.00	0.00	0.00	200.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
300.00	0.00	0.00	300.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
400.00	0.00	0.00	400.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
500.00	0.00	0.00	500.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
600.00	0.00	0.00	600.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
700.00	0.00	0.00	700.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
800.00	0.00	0.00	800.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
900.00	0.00	0.00	900.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,000.00	0.00	0.00	1,000.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,100.00	0.00	0.00	1,100.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,200.00	0.00	0.00	1,200.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,300.00	0.00	0.00	1,300.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,400.00	0.00	0.00	1,400.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,500.00	0.00	0.00	1,500.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,600.00	0.00	0.00	1,600.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,700.00	0.00	0.00	1,700.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,800.00	0.00	0.00	1,800.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
1,900.00	0.00	0.00	1,900.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,000.00	0.00	0.00	2,000.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,100.00	0.00	0.00	2,100.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,200.00	0.00	0.00	2,200.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,300.00	0.00	0.00	2,300.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,400.00	0.00	0.00	2,400.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,500.00	0.00	0.00	2,500.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,600.00	0.00	0.00	2,600.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,700.00	0.00	0.00	2,700.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,800.00	0.00	0.00	2,800.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
2,900.00	0.00	0.00	2,900.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
3,000.00	0.00	0.00	3,000.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
3,100.00	0.00	0.00	3,100.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
3,202.00	0.00	0.00	3,202.00	0.00	0.00	14,415,370.805	1,714,243.637	39.693871890	-80.737548620
KOP Begin 2°/100' build									
3,300.00	1.96	111.71	3,299.98	-0.62	1.56	14,415,370.185	1,714,245.194	39.693870174	-80.737543091
3,400.00	3.96	111.71	3,399.84	-2.53	6.35	14,415,368.275	1,714,249.992	39.693864890	-80.737526057
3,500.00	5.96	111.71	3,499.46	-5.73	14.39	14,415,365.077	1,714,258.024	39.693856043	-80.737497536
3,600.00	7.96	111.71	3,598.72	-10.21	25.64	14,415,360.595	1,714,269.282	39.693843643	-80.737457563
3,702.00	10.00	111.71	3,699.47	-16.10	40.44	14,415,354.706	1,714,284.073	39.693827351	-80.737405044
Begin 10.00° tangent									
3,800.00	10.00	111.71	3,795.98	-22.39	56.25	14,415,348.411	1,714,299.883	39.693809936	-80.737348904
3,900.00	10.00	111.71	3,894.46	-28.82	72.38	14,415,341.987	1,714,316.016	39.693792166	-80.737291620
4,000.00	10.00	111.71	3,992.94	-35.24	88.51	14,415,335.564	1,714,332.149	39.693774395	-80.737234335
4,100.00	10.00	111.71	4,091.42	-41.66	104.65	14,415,329.141	1,714,348.282	39.693756625	-80.737177050
4,200.00	10.00	111.71	4,189.90	-48.09	120.78	14,415,322.717	1,714,364.415	39.693738854	-80.737119765
4,300.00	10.00	111.71	4,288.38	-54.51	136.91	14,415,316.294	1,714,380.548	39.693721084	-80.737062481
4,400.00	10.00	111.71	4,386.86	-60.93	153.04	14,415,309.870	1,714,396.681	39.693703313	-80.737005196
4,500.00	10.00	111.71	4,485.34	-67.36	169.18	14,415,303.447	1,714,412.814	39.693685543	-80.736947912
4,600.00	10.00	111.71	4,583.82	-73.78	185.31	14,415,297.024	1,714,428.948	39.693667772	-80.736890627
4,700.00	10.00	111.71	4,682.30	-80.20	201.44	14,415,290.600	1,714,445.081	39.693650002	-80.736833342
4,800.00	10.00	111.71	4,780.78	-86.63	217.58	14,415,284.177	1,714,461.214	39.693632231	-80.736776058
4,900.00	10.00	111.71	4,879.27	-93.05	233.71	14,415,277.754	1,714,477.347	39.693614460	-80.736718773
5,000.00	10.00	111.71	4,977.75	-99.48	249.84	14,415,271.330	1,714,493.480	39.693596690	-80.736661489
5,100.00	10.00	111.71	5,076.23	-105.90	265.98	14,415,264.907	1,714,509.613	39.693578919	-80.736604204

Database:	DB_Dec2220_v16	Local Co-ordinate Reference:	Well Elmer N-17 HU (slot N)
Company:	Tug Hill Operating LLC	TVD Reference:	GL @ 1277.00ft
Project:	Wetzel County, West Virginia (UTM17 NAD83)	MD Reference:	GL @ 1277.00ft
Site:	Elmer	North Reference:	Grid
Well:	Elmer N-17 HU (slot N)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,200.00	10.00	111.71	5,174.71	-112.32	282.11	14,415,258.483	1,714,525.746	39.693561148	-80.736546920
5,300.00	10.00	111.71	5,273.19	-118.75	298.24	14,415,252.060	1,714,541.879	39.693543378	-80.736489636
5,400.00	10.00	111.71	5,371.67	-125.17	314.38	14,415,245.637	1,714,558.012	39.693525607	-80.736432351
5,500.00	10.00	111.71	5,470.15	-131.59	330.51	14,415,239.213	1,714,574.145	39.693507836	-80.736375067
5,600.00	10.00	111.71	5,568.63	-138.02	346.64	14,415,232.790	1,714,590.278	39.693490065	-80.736317783
5,700.00	10.00	111.71	5,667.11	-144.44	362.77	14,415,226.366	1,714,606.411	39.693472294	-80.736260498
5,800.00	10.00	111.71	5,765.59	-150.86	378.91	14,415,219.943	1,714,622.544	39.693454524	-80.736203214
5,900.00	10.00	111.71	5,864.07	-157.29	395.04	14,415,213.520	1,714,638.677	39.693436753	-80.736145930
6,000.00	10.00	111.71	5,962.55	-163.71	411.17	14,415,207.096	1,714,654.810	39.693418982	-80.736088646
6,100.00	10.00	111.71	6,061.03	-170.13	427.31	14,415,200.673	1,714,670.944	39.693401211	-80.736031362
6,200.00	10.00	111.71	6,159.52	-176.56	443.44	14,415,194.249	1,714,687.077	39.693383440	-80.735974078
6,300.00	10.00	111.71	6,258.00	-182.98	459.57	14,415,187.826	1,714,703.210	39.693365669	-80.735916793
6,400.00	10.00	111.71	6,356.48	-189.40	475.71	14,415,181.403	1,714,719.343	39.693347898	-80.735859509
6,500.00	10.00	111.71	6,454.96	-195.83	491.84	14,415,174.979	1,714,735.476	39.693330127	-80.735802225
6,600.00	10.00	111.71	6,553.44	-202.25	507.97	14,415,168.556	1,714,751.609	39.693312355	-80.735744941
6,700.00	10.00	111.71	6,651.92	-208.67	524.11	14,415,162.133	1,714,767.742	39.693294584	-80.735687657
6,800.00	10.00	111.71	6,750.40	-215.10	540.24	14,415,155.709	1,714,783.875	39.693276813	-80.735630374
6,900.00	10.00	111.71	6,848.88	-221.52	556.37	14,415,149.286	1,714,800.008	39.693259042	-80.735573090
7,000.00	10.00	111.71	6,947.36	-227.94	572.50	14,415,142.862	1,714,816.141	39.693241271	-80.735515806
7,100.00	10.00	111.71	7,045.84	-234.37	588.64	14,415,136.439	1,714,832.274	39.693223499	-80.735458522
7,200.00	10.00	111.71	7,144.32	-240.79	604.77	14,415,130.016	1,714,848.407	39.693205728	-80.735401238
7,258.57	10.00	111.71	7,202.00	-244.55	614.22	14,415,126.254	1,714,857.856	39.693195320	-80.735367689
Begin 2°/100' build/turn									
7,300.00	10.83	111.71	7,242.75	-247.32	621.18	14,415,123.483	1,714,864.814	39.693187655	-80.735342982
7,400.00	12.83	111.71	7,340.62	-254.90	640.22	14,415,115.902	1,714,883.858	39.693166680	-80.735275363
7,500.00	14.83	111.71	7,437.72	-263.74	662.43	14,415,107.062	1,714,906.064	39.693142223	-80.735196516
7,600.00	16.83	111.70	7,533.92	-273.83	687.77	14,415,096.975	1,714,931.405	39.693114316	-80.735106538
7,700.00	18.83	111.70	7,629.11	-285.15	716.21	14,415,085.653	1,714,959.850	39.693082992	-80.735005538
7,800.00	20.83	111.70	7,723.18	-297.70	747.73	14,415,073.110	1,714,991.365	39.693048288	-80.734893639
7,898.88	22.81	111.70	7,814.97	-311.28	781.87	14,415,059.522	1,715,025.505	39.693010694	-80.734772417
Begin 22.81° tangent									
7,900.00	22.81	111.70	7,816.01	-311.45	782.27	14,415,059.361	1,715,025.910	39.693010248	-80.734770979
8,000.00	22.81	111.70	7,908.19	-325.78	818.29	14,415,045.027	1,715,061.924	39.692970592	-80.734643105
8,100.00	22.81	111.70	8,000.37	-340.11	854.30	14,415,030.694	1,715,097.938	39.692930935	-80.734515231
8,200.00	22.81	111.70	8,092.55	-354.45	890.32	14,415,016.361	1,715,133.952	39.692891279	-80.734387357
8,300.00	22.81	111.70	8,184.73	-368.78	926.33	14,415,002.027	1,715,169.966	39.692851622	-80.734259483
8,400.00	22.81	111.70	8,276.92	-383.11	962.34	14,414,987.694	1,715,205.980	39.692811965	-80.734131610
8,500.00	22.81	111.70	8,369.10	-397.45	998.36	14,414,973.360	1,715,241.993	39.692772308	-80.734003736
8,600.00	22.81	111.70	8,461.28	-411.78	1,034.37	14,414,959.027	1,715,278.007	39.692732651	-80.733875863
8,700.00	22.81	111.70	8,553.46	-426.11	1,070.39	14,414,944.694	1,715,314.021	39.692692993	-80.733747990
8,800.00	22.81	111.70	8,645.65	-440.45	1,106.40	14,414,930.360	1,715,350.035	39.692653336	-80.733620117
8,900.00	22.81	111.70	8,737.83	-454.78	1,142.41	14,414,916.027	1,715,386.049	39.692613678	-80.733492245
9,000.00	22.81	111.70	8,830.01	-469.11	1,178.43	14,414,901.693	1,715,422.063	39.692574020	-80.733364372
9,100.00	22.81	111.70	8,922.19	-483.45	1,214.44	14,414,887.360	1,715,458.077	39.692534362	-80.733236500
9,200.00	22.81	111.70	9,014.37	-497.78	1,250.46	14,414,873.027	1,715,494.091	39.692494704	-80.733108627
9,300.00	22.81	111.70	9,106.56	-512.11	1,286.47	14,414,858.693	1,715,530.105	39.692455046	-80.732980755
9,400.00	22.81	111.70	9,198.74	-526.45	1,322.48	14,414,844.360	1,715,566.118	39.692415388	-80.732852883
9,500.00	22.81	111.70	9,290.92	-540.78	1,358.50	14,414,830.027	1,715,602.132	39.692375729	-80.732725011
9,600.00	22.81	111.70	9,383.10	-555.11	1,394.51	14,414,815.693	1,715,638.146	39.692336071	-80.732597140
9,700.00	22.81	111.70	9,475.28	-569.45	1,430.53	14,414,801.360	1,715,674.160	39.692296412	-80.732469268
9,800.00	22.81	111.70	9,567.47	-583.78	1,466.54	14,414,787.026	1,715,710.174	39.692256753	-80.732341397
9,900.00	22.81	111.70	9,659.65	-598.11	1,502.55	14,414,772.693	1,715,746.188	39.692217094	-80.732213525
10,000.00	22.81	111.70	9,751.83	-612.45	1,538.57	14,414,758.360	1,715,782.202	39.692177435	-80.732085654
10,100.00	22.81	111.70	9,844.01	-626.78	1,574.58	14,414,744.026	1,715,818.216	39.692137775	-80.731957783



Planning Report - Geographic

Database:	DB_Dec2220_v16	Local Co-ordinate Reference:	Well Elmer N-17 HU (slot N)
Company:	Tug Hill Operating LLC	TVD Reference:	GL @ 1277.00ft
Project:	Wetzel County, West Virginia (UTM17 NAD83)	MD Reference:	GL @ 1277.00ft
Site:	Elmer	North Reference:	Grid
Well:	Elmer N-17 HU (slot N)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
10,200.00	22.81	111.70	9,936.20	-641.11	1,610.60	14,414,729.693	1,715,854.230	39.692098116	-80.731829912
10,300.00	22.81	111.70	10,028.38	-655.45	1,646.61	14,414,715.360	1,715,890.244	39.692058456	-80.731702042
10,400.00	22.81	111.70	10,120.56	-669.78	1,682.62	14,414,701.026	1,715,926.258	39.692018796	-80.731574171
10,500.00	22.81	111.70	10,212.74	-684.11	1,718.64	14,414,686.693	1,715,962.272	39.691979136	-80.731446301
10,600.00	22.81	111.70	10,304.92	-698.45	1,754.65	14,414,672.359	1,715,998.286	39.691939476	-80.731318430
10,700.00	22.81	111.70	10,397.11	-712.78	1,790.67	14,414,658.026	1,716,034.300	39.691899816	-80.731190560
10,800.00	22.81	111.70	10,489.29	-727.11	1,826.68	14,414,643.693	1,716,070.314	39.691860156	-80.731062690
10,900.00	22.81	111.70	10,581.47	-741.45	1,862.69	14,414,629.359	1,716,106.328	39.691820495	-80.730934821
10,919.08	22.81	111.70	10,599.05	-744.18	1,869.56	14,414,626.625	1,716,113.197	39.691812930	-80.730910429
Begin 6°/100' build/turn									
10,950.00	21.42	108.41	10,627.70	-748.18	1,880.49	14,414,622.624	1,716,124.125	39.691801853	-80.730871625
11,000.00	19.35	102.19	10,674.58	-752.82	1,897.25	14,414,617.990	1,716,140.888	39.691786988	-80.730812086
11,050.00	17.53	94.63	10,722.01	-755.17	1,912.86	14,414,615.633	1,716,156.492	39.691782386	-80.730756643
11,100.00	16.06	85.57	10,769.89	-755.25	1,927.26	14,414,615.560	1,716,170.893	39.691782066	-80.730705450
11,150.00	15.03	75.02	10,818.07	-753.04	1,940.42	14,414,617.771	1,716,184.053	39.691788029	-80.730658645
11,200.00	14.55	63.40	10,866.42	-748.55	1,952.30	14,414,622.259	1,716,195.935	39.691800257	-80.730616358
11,250.00	14.67	51.50	10,914.82	-741.79	1,962.87	14,414,629.013	1,716,206.507	39.691818718	-80.730578704
11,300.00	15.37	40.22	10,963.12	-732.79	1,972.11	14,414,638.014	1,716,215.740	39.691843361	-80.730545787
11,350.00	16.57	30.22	11,011.20	-721.57	1,979.97	14,414,649.237	1,716,223.609	39.691874119	-80.730517696
11,400.00	18.19	21.75	11,058.92	-708.15	1,986.46	14,414,662.652	1,716,230.091	39.691910906	-80.730494509
11,450.00	20.12	14.73	11,106.16	-692.59	1,991.54	14,414,678.221	1,716,235.170	39.691953623	-80.730476289
11,500.00	22.28	8.95	11,152.78	-674.90	1,995.20	14,414,695.903	1,716,238.831	39.692002152	-80.730463086
11,550.00	24.60	4.18	11,198.65	-655.16	1,997.43	14,414,715.648	1,716,241.064	39.692056360	-80.730454937
11,600.00	27.05	0.20	11,243.66	-633.40	1,998.23	14,414,737.403	1,716,241.863	39.692116099	-80.730451863
11,650.00	29.60	356.86	11,287.67	-609.70	1,997.59	14,414,761.108	1,716,241.227	39.692181205	-80.730453874
11,700.00	32.22	354.00	11,330.57	-584.11	1,995.52	14,414,786.697	1,716,239.155	39.692251499	-80.730460963
11,750.00	34.89	351.53	11,372.24	-556.70	1,992.02	14,414,814.102	1,716,235.656	39.692326789	-80.730473111
11,800.00	37.60	349.38	11,412.56	-527.56	1,987.10	14,414,843.246	1,716,230.737	39.692406868	-80.730490285
11,850.00	40.36	347.47	11,451.43	-496.76	1,980.78	14,414,874.050	1,716,224.413	39.692491517	-80.730512438
11,900.00	43.13	345.78	11,488.73	-464.38	1,973.07	14,414,906.429	1,716,216.700	39.692580504	-80.730539510
11,950.00	45.94	344.25	11,524.37	-430.51	1,963.99	14,414,940.295	1,716,207.620	39.692673585	-80.730571425
12,000.00	48.76	342.85	11,558.24	-395.25	1,953.56	14,414,975.554	1,716,197.198	39.692770505	-80.730608097
12,021.96	50.00	342.28	11,572.54	-379.35	1,948.57	14,414,991.456	1,716,192.204	39.692814217	-80.730625681
Begin 8°/100' build/turn									
12,050.00	52.13	341.37	11,590.16	-358.63	1,941.77	14,415,012.177	1,716,185.399	39.692871179	-80.730649650
12,100.00	55.94	339.88	11,619.52	-320.46	1,928.33	14,415,050.341	1,716,171.965	39.692976101	-80.730697000
12,150.00	59.77	338.51	11,646.12	-280.90	1,913.29	14,415,089.904	1,716,156.921	39.693084876	-80.730750057
12,200.00	63.61	337.25	11,669.83	-240.13	1,896.71	14,415,130.673	1,716,140.341	39.693196976	-80.730808562
12,250.00	67.47	336.07	11,690.52	-198.36	1,878.67	14,415,172.448	1,716,122.305	39.693311855	-80.730872231
12,300.00	71.33	334.95	11,708.12	-155.78	1,859.27	14,415,215.028	1,716,102.902	39.693428951	-80.730940754
12,350.00	75.19	333.88	11,722.51	-112.60	1,838.59	14,415,258.204	1,716,082.226	39.693547696	-80.731013796
12,400.00	79.07	332.85	11,733.65	-69.04	1,816.74	14,415,301.766	1,716,060.377	39.693667510	-80.731091003
12,450.00	82.94	331.85	11,741.47	-25.30	1,793.83	14,415,345.501	1,716,037.462	39.693787809	-80.731171996
12,500.00	86.82	330.86	11,745.93	18.39	1,769.96	14,415,389.197	1,716,013.593	39.693908009	-80.731256383
12,553.87	91.00	329.81	11,746.95	65.18	1,743.31	14,415,435.985	1,715,986.943	39.694036722	-80.731350624
Begin 91.00° lateral									
12,600.00	91.00	329.81	11,746.15	105.05	1,720.11	14,415,475.853	1,715,963.747	39.694146402	-80.731432661
12,700.00	91.00	329.81	11,744.41	191.47	1,669.83	14,415,562.274	1,715,913.464	39.694384153	-80.731610494
12,800.00	91.00	329.81	11,742.66	277.89	1,619.55	14,415,648.694	1,715,863.180	39.694621905	-80.731788328
12,900.00	91.00	329.81	11,740.92	364.31	1,569.26	14,415,735.115	1,715,812.897	39.694859656	-80.731966163
13,000.00	91.00	329.81	11,739.18	450.73	1,518.98	14,415,821.536	1,715,762.614	39.695097406	-80.732144000
13,100.00	91.00	329.81	11,737.44	537.15	1,468.70	14,415,907.957	1,715,712.331	39.695335157	-80.732321838
13,200.00	91.00	329.81	11,735.70	623.57	1,418.41	14,415,994.378	1,715,662.048	39.695572907	-80.732499677
13,300.00	91.00	329.81	11,733.95	710.00	1,368.13	14,416,080.799	1,715,611.766	39.695810657	-80.732677517



Planning Report - Geographic

Database:	DB_Dec2220_v16	Local Co-ordinate Reference:	Well Elmer N-17 HU (slot N)
Company:	Tug Hill Operating LLC	TVD Reference:	GL @ 1277.00ft
Project:	Wetzel County, West Virginia (UTM17 NAD83)	MD Reference:	GL @ 1277.00ft
Site:	Elmer	North Reference:	Grid
Well:	Elmer N-17 HU (slot N)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
13,400.00	91.00	329.81	11,732.21	796.42	1,317.85	14,416,167.219	1,715,561.483	39.696048406	-80.732855358
13,500.00	91.00	329.81	11,730.47	882.84	1,267.57	14,416,253.640	1,715,511.200	39.696286156	-80.733033201
13,600.00	91.00	329.81	11,728.73	969.26	1,217.28	14,416,340.061	1,715,460.917	39.696523905	-80.733211045
13,700.00	91.00	329.81	11,726.99	1,055.68	1,167.00	14,416,426.482	1,715,410.634	39.696761653	-80.733388890
13,800.00	91.00	329.81	11,725.25	1,142.10	1,116.72	14,416,512.903	1,715,360.351	39.696999402	-80.733566736
13,900.00	91.00	329.81	11,723.50	1,228.52	1,066.43	14,416,599.324	1,715,310.068	39.697237150	-80.733744583
14,000.00	91.00	329.81	11,721.76	1,314.94	1,016.15	14,416,685.744	1,715,259.786	39.697474898	-80.733922432
14,100.00	91.00	329.81	11,720.02	1,401.36	965.87	14,416,772.165	1,715,209.503	39.697712646	-80.734100282
14,200.00	91.00	329.81	11,718.28	1,487.78	915.58	14,416,858.586	1,715,159.220	39.697950393	-80.734278133
14,300.00	91.00	329.81	11,716.54	1,574.21	865.30	14,416,945.007	1,715,108.937	39.698188140	-80.734455986
14,400.00	91.00	329.81	11,714.79	1,660.63	815.02	14,417,031.428	1,715,058.654	39.698425887	-80.734633839
14,500.00	91.00	329.81	11,713.05	1,747.05	764.74	14,417,117.849	1,715,008.371	39.698663634	-80.734811694
14,600.00	91.00	329.81	11,711.31	1,833.47	714.45	14,417,204.269	1,714,958.089	39.698901380	-80.734989550
14,700.00	91.00	329.81	11,709.57	1,919.89	664.17	14,417,290.690	1,714,907.806	39.699139126	-80.735167407
14,800.00	91.00	329.81	11,707.83	2,006.31	613.89	14,417,377.111	1,714,857.523	39.699376872	-80.735345266
14,900.00	91.00	329.81	11,706.08	2,092.73	563.60	14,417,463.532	1,714,807.240	39.699614617	-80.735523125
15,000.00	91.00	329.81	11,704.34	2,179.15	513.32	14,417,549.953	1,714,756.957	39.699852362	-80.735700986
15,100.00	91.00	329.81	11,702.60	2,265.57	463.04	14,417,636.373	1,714,706.674	39.700090107	-80.735878848
15,200.00	91.00	329.81	11,700.86	2,351.99	412.75	14,417,722.794	1,714,656.391	39.700327852	-80.736056712
15,300.00	91.00	329.81	11,699.12	2,438.42	362.47	14,417,809.215	1,714,606.109	39.700565596	-80.736234576
15,400.00	91.00	329.81	11,697.38	2,524.84	312.19	14,417,895.636	1,714,555.826	39.700803340	-80.736412442
15,500.00	91.00	329.81	11,695.63	2,611.26	261.91	14,417,982.057	1,714,505.543	39.701041084	-80.736590309
15,600.00	91.00	329.81	11,693.89	2,697.68	211.62	14,418,068.478	1,714,455.260	39.701278827	-80.736768177
15,700.00	91.00	329.81	11,692.15	2,784.10	161.34	14,418,154.898	1,714,404.977	39.701516570	-80.736946046
15,800.00	91.00	329.81	11,690.41	2,870.52	111.06	14,418,241.319	1,714,354.694	39.701754313	-80.737123917
15,900.00	91.00	329.81	11,688.67	2,956.94	60.77	14,418,327.740	1,714,304.411	39.701992056	-80.737301789
16,000.00	91.00	329.81	11,686.92	3,043.36	10.49	14,418,414.161	1,714,254.129	39.702229798	-80.737479662
16,100.00	91.00	329.81	11,685.18	3,129.78	-39.79	14,418,500.582	1,714,203.846	39.702467540	-80.737657536
16,200.00	91.00	329.81	11,683.44	3,216.20	-90.07	14,418,587.003	1,714,153.563	39.702705282	-80.737835412
16,300.00	91.00	329.81	11,681.70	3,302.63	-140.36	14,418,673.423	1,714,103.280	39.702943024	-80.738013288
16,400.00	91.00	329.81	11,679.96	3,389.05	-190.64	14,418,759.844	1,714,052.997	39.703180765	-80.738191166
16,500.00	91.00	329.81	11,678.21	3,475.47	-240.92	14,418,846.265	1,714,002.714	39.703418506	-80.738369046
16,600.00	91.00	329.81	11,676.47	3,561.89	-291.21	14,418,932.686	1,713,952.431	39.703656247	-80.738546926
16,700.00	91.00	329.81	11,674.73	3,648.31	-341.49	14,419,019.107	1,713,902.149	39.703893987	-80.738724807
16,800.00	91.00	329.81	11,672.99	3,734.73	-391.77	14,419,105.528	1,713,851.866	39.704131727	-80.738902690
16,900.00	91.00	329.81	11,671.25	3,821.15	-442.06	14,419,191.948	1,713,801.583	39.704369467	-80.739080574
17,000.00	91.00	329.81	11,669.51	3,907.57	-492.34	14,419,278.369	1,713,751.300	39.704607207	-80.739258460
17,100.00	91.00	329.81	11,667.76	3,993.99	-542.62	14,419,364.790	1,713,701.017	39.704844946	-80.739436346
17,200.00	91.00	329.81	11,666.02	4,080.41	-592.90	14,419,451.211	1,713,650.734	39.705082685	-80.739614234
17,300.00	91.00	329.81	11,664.28	4,166.84	-643.19	14,419,537.632	1,713,600.451	39.705320424	-80.739792123
17,400.00	91.00	329.81	11,662.54	4,253.26	-693.47	14,419,624.053	1,713,550.169	39.705558162	-80.739970013
17,500.00	91.00	329.81	11,660.80	4,339.68	-743.75	14,419,710.473	1,713,499.886	39.705795901	-80.740147904
17,600.00	91.00	329.81	11,659.05	4,426.10	-794.04	14,419,796.894	1,713,449.603	39.706033638	-80.740325797
17,700.00	91.00	329.81	11,657.31	4,512.52	-844.32	14,419,883.315	1,713,399.320	39.706271376	-80.740503690
17,800.00	91.00	329.81	11,655.57	4,598.94	-894.60	14,419,969.736	1,713,349.037	39.706509113	-80.740681584
17,900.00	91.00	329.81	11,653.83	4,685.36	-944.88	14,420,056.157	1,713,298.754	39.706746851	-80.740859480
18,000.00	91.00	329.81	11,652.09	4,771.78	-995.17	14,420,142.578	1,713,248.471	39.706984587	-80.741037378
18,100.00	91.00	329.81	11,650.34	4,858.20	-1,045.45	14,420,228.998	1,713,198.189	39.707222324	-80.741215277
18,200.00	91.00	329.81	11,648.60	4,944.62	-1,095.73	14,420,315.419	1,713,147.906	39.707460060	-80.741393176
18,300.00	91.00	329.81	11,646.86	5,031.05	-1,146.02	14,420,401.840	1,713,097.623	39.707697796	-80.741571077
18,400.00	91.00	329.81	11,645.12	5,117.47	-1,196.30	14,420,488.261	1,713,047.340	39.707935532	-80.741748980
18,500.00	91.00	329.81	11,643.38	5,203.89	-1,246.58	14,420,574.682	1,712,997.057	39.708173267	-80.741926883
18,600.00	91.00	329.81	11,641.64	5,290.31	-1,296.87	14,420,661.102	1,712,946.774	39.708411002	-80.742104788
18,700.00	91.00	329.81	11,639.89	5,376.73	-1,347.15	14,420,747.523	1,712,896.491	39.708648737	-80.742282694
18,800.00	91.00	329.81	11,638.15	5,463.15	-1,397.43	14,420,833.944	1,712,846.209	39.708886472	-80.742460601



Planning Report - Geographic

Database:	DB_Dec2220_v16	Local Co-ordinate Reference:	Well Elmer N-17 HU (slot N)
Company:	Tug Hill Operating LLC	TVD Reference:	GL @ 1277.00ft
Project:	Wetzel County, West Virginia (UTM17 NAD83)	MD Reference:	GL @ 1277.00ft
Site:	Elmer	North Reference:	Grid
Well:	Elmer N-17 HU (slot N)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
18,900.00	91.00	329.81	11,636.41	5,549.57	-1,447.71	14,420,920.365	1,712,795.926	39.709124206	-80.742638509
19,000.00	91.00	329.81	11,634.67	5,635.99	-1,498.00	14,421,006.786	1,712,745.643	39.709361940	-80.742816419
19,100.00	91.00	329.81	11,632.93	5,722.41	-1,548.28	14,421,093.207	1,712,695.360	39.709599674	-80.742994330
19,200.00	91.00	329.81	11,631.18	5,808.83	-1,598.56	14,421,179.627	1,712,645.077	39.709837407	-80.743172242
19,300.00	91.00	329.81	11,629.44	5,895.26	-1,648.85	14,421,266.048	1,712,594.794	39.710075140	-80.743350155
19,400.00	91.00	329.81	11,627.70	5,981.68	-1,699.13	14,421,352.469	1,712,544.511	39.710312873	-80.743528070
19,500.00	91.00	329.81	11,625.96	6,068.10	-1,749.41	14,421,438.890	1,712,494.229	39.710550606	-80.743705985
19,600.00	91.00	329.81	11,624.22	6,154.52	-1,799.70	14,421,525.311	1,712,443.946	39.710788338	-80.743883902
19,700.00	91.00	329.81	11,622.47	6,240.94	-1,849.98	14,421,611.732	1,712,393.663	39.711026070	-80.744061820
19,800.00	91.00	329.81	11,620.73	6,327.36	-1,900.26	14,421,698.152	1,712,343.380	39.711263802	-80.744239740
19,900.00	91.00	329.81	11,618.99	6,413.78	-1,950.54	14,421,784.573	1,712,293.097	39.711501534	-80.744417660
20,000.00	91.00	329.81	11,617.25	6,500.20	-2,000.83	14,421,870.994	1,712,242.814	39.711739265	-80.744595582
20,100.00	91.00	329.81	11,615.51	6,586.62	-2,051.11	14,421,957.415	1,712,192.532	39.711976996	-80.744773505
20,200.00	91.00	329.81	11,613.76	6,673.04	-2,101.39	14,422,043.836	1,712,142.249	39.712214727	-80.744951429
20,300.00	91.00	329.81	11,612.02	6,759.47	-2,151.68	14,422,130.257	1,712,091.966	39.712452457	-80.745129355
20,400.00	91.00	329.81	11,610.28	6,845.89	-2,201.96	14,422,216.677	1,712,041.683	39.712690187	-80.745307281
20,500.00	91.00	329.81	11,608.54	6,932.31	-2,252.24	14,422,303.098	1,711,991.400	39.712927917	-80.745485209
20,600.00	91.00	329.81	11,606.80	7,018.73	-2,302.52	14,422,389.519	1,711,941.117	39.713165646	-80.745663138
20,700.00	91.00	329.81	11,605.06	7,105.15	-2,352.81	14,422,475.940	1,711,890.834	39.713403376	-80.745841069
20,800.00	91.00	329.81	11,603.31	7,191.57	-2,403.09	14,422,562.361	1,711,840.552	39.713641105	-80.746019000
20,900.00	91.00	329.81	11,601.57	7,277.99	-2,453.37	14,422,648.782	1,711,790.269	39.713878834	-80.746196933
21,000.00	91.00	329.81	11,599.83	7,364.41	-2,503.66	14,422,735.202	1,711,739.986	39.714116562	-80.746374867
21,100.00	91.00	329.81	11,598.09	7,450.83	-2,553.94	14,422,821.623	1,711,689.703	39.714354290	-80.746552802
21,200.00	91.00	329.81	11,596.35	7,537.25	-2,604.22	14,422,908.044	1,711,639.420	39.714592018	-80.746730739
21,300.00	91.00	329.81	11,594.60	7,623.68	-2,654.51	14,422,994.465	1,711,589.137	39.714829746	-80.746908676
21,400.00	91.00	329.81	11,592.86	7,710.10	-2,704.79	14,423,080.886	1,711,538.854	39.715067473	-80.747086615
21,500.00	91.00	329.81	11,591.12	7,796.52	-2,755.07	14,423,167.306	1,711,488.572	39.715305200	-80.747264555
21,600.00	91.00	329.81	11,589.38	7,882.94	-2,805.35	14,423,253.727	1,711,438.289	39.715542927	-80.747442496
21,700.00	91.00	329.81	11,587.64	7,969.36	-2,855.64	14,423,340.148	1,711,388.006	39.715780653	-80.747620439
21,800.00	91.00	329.81	11,585.89	8,055.78	-2,905.92	14,423,426.569	1,711,337.723	39.716018380	-80.747798383
21,900.00	91.00	329.81	11,584.15	8,142.20	-2,956.20	14,423,512.990	1,711,287.440	39.716256105	-80.747976328
22,000.00	91.00	329.81	11,582.41	8,228.62	-3,006.49	14,423,599.411	1,711,237.157	39.716493831	-80.748154274
22,100.00	91.00	329.81	11,580.67	8,315.04	-3,056.77	14,423,685.831	1,711,186.874	39.716731557	-80.748332221
22,200.00	91.00	329.81	11,578.93	8,401.46	-3,107.05	14,423,772.252	1,711,136.592	39.716969282	-80.748510170
22,300.00	91.00	329.81	11,577.19	8,487.89	-3,157.34	14,423,858.673	1,711,086.309	39.717207006	-80.748688120
22,400.00	91.00	329.81	11,575.44	8,574.31	-3,207.62	14,423,945.094	1,711,036.026	39.717444731	-80.748866071
22,500.00	91.00	329.81	11,573.70	8,660.73	-3,257.90	14,424,031.515	1,710,985.743	39.717682455	-80.749044023
22,600.00	91.00	329.81	11,571.96	8,747.15	-3,308.18	14,424,117.936	1,710,935.460	39.717920179	-80.749221976
22,700.00	91.00	329.81	11,570.22	8,833.57	-3,358.47	14,424,204.356	1,710,885.177	39.718157903	-80.749399931
22,800.00	91.00	329.81	11,568.48	8,919.99	-3,408.75	14,424,290.777	1,710,834.894	39.718395626	-80.749577887
22,900.00	91.00	329.81	11,566.73	9,006.41	-3,459.03	14,424,377.198	1,710,784.612	39.718633350	-80.749755844
22,999.55	91.00	329.81	11,565.00	9,092.44	-3,509.09	14,424,463.229	1,710,734.555	39.718870000	-80.749933000

PBHL/TD 22999.55 MD 11565.00 TVD

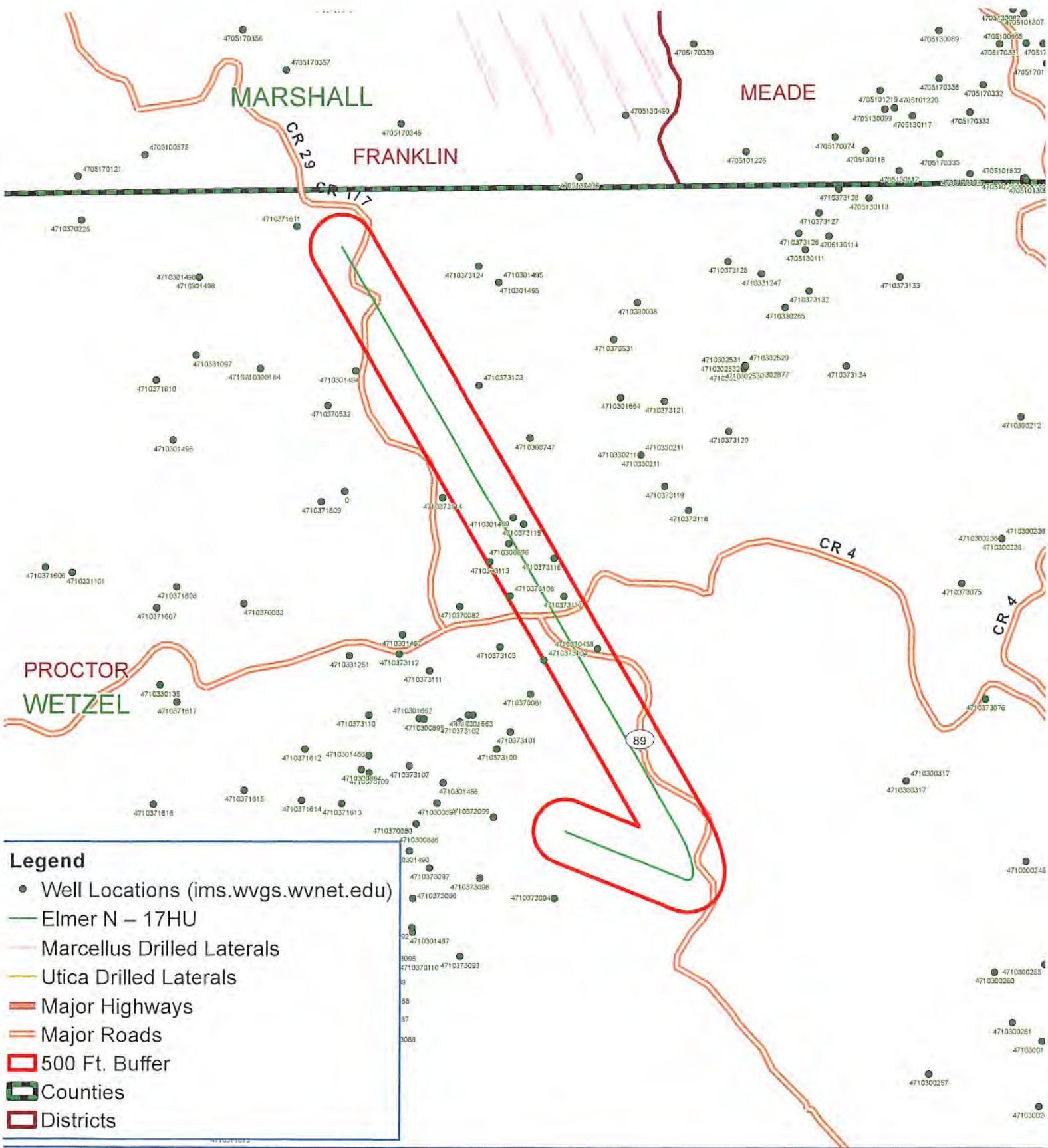


Planning Report - Geographic

Database:	DB_Dec2220_v16	Local Co-ordinate Reference:	Well Elmer N-17 HU (slot N)
Company:	Tug Hill Operating LLC	TVD Reference:	GL @ 1277.00ft
Project:	Wetzel County, West Virginia (UTM17 NAD83)	MD Reference:	GL @ 1277.00ft
Site:	Elmer	North Reference:	Grid
Well:	Elmer N-17 HU (slot N)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
- Shape									
Elmer N-17 HU BHL - plan hits target center - Point	0.00	0.00	11,565.00	9,092.44	-3,509.09	14,424,463.229	1,710,734.555	39.718870000	-80.749933000
Elmer N-17 HU LP 50E - plan misses target center by 8.09ft at 12562.59ft MD (11746.80 TVD, 72.72 N, 1738.92 E) - Point	0.00	0.00	11,747.00	76.79	1,745.91	14,415,447.596	1,715,989.546	39.694068589	-80.731341247
Elmer N-17 HU LP - plan misses target center by 35.14ft at 12587.74ft MD (11746.36 TVD, 94.45 N, 1726.28 E) - Point	0.00	0.00	11,747.00	76.79	1,695.91	14,415,447.596	1,715,939.544	39.694069000	-80.731519000

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,202.00	3,202.00	0.00	0.00	KOP Begin 2°/100' build
3,702.00	3,699.47	-16.10	40.44	Begin 10.00° tangent
7,258.57	7,202.00	-244.55	614.22	Begin 2°/100' build/turn
7,898.88	7,814.97	-311.28	781.87	Begin 22.81° tangent
10,919.08	10,599.05	-744.18	1,869.56	Begin 6°/100' build/turn
12,021.96	11,572.54	-379.35	1,948.57	Begin 8°/100' build/turn
12,553.87	11,746.95	65.18	1,743.31	Begin 91.00° lateral
22,999.55	11,565.00	9,092.44	-3,509.09	PBHL/TD 22999.55 MD 11565.00 TVD



Legend

- Well Locations (ims.wvgs.wvnet.edu)
- Elmer N – 17HU
- Marcellus Drilled Laterals
- Utica Drilled Laterals
- Major Highways
- Major Roads
- ▭ 500 Ft. Buffer
- ▭ Counties
- ▭ Districts



Elmer N – 17HU Proctor District Wetzel County, WV



Map Prepared by:
10/21/2022
DPS
 LAND SERVICES

Area of Review

Sources of information to Support 35CSR8 - 5.11: 9.3 et seq.

Description of process to identify potential pathways for well communication during hydraulic fracturing activities.

Data Sources Reviewed:

1. Enverus and RS Energy Group Well Data service: Public nationwide data service that pulls directly from State agency Oil and Gas databases
2. Farm Maps
3. Topo Maps: Recent and older (contact WVGES)
4. Check with DPS

Contacted Adam Picard 724-485-9331, apicard@dpslandservices.com, DPS GIS (10/15/2021) to have him make maps of the wellbores with his information. DPS utilizes WVGES maps for their mapping seems it is the best publicly available. See attached map he provided.

Request maps for:

1. Wellbore with Enverus All Wells Layer
2. Map with Farm lines overlain and any well spots identified on Farm Maps
3. More recent (1970s vintage) topos and older topos

Discussion with Phil Dinterman WVGES GIS Department (7/15/2016)

- WVGES has plotted every well spot they have access to and are aware of with that contains a coordinate. 30000, 70000, and 90000 series wells are available via the WVGES online map. Some locations aren't great due to vintage and manipulation of maps through time
- 30000 series – any well drilled prior to 1929 – APIs were not assigned to original wells
- 70000 series – Well spots pulled from old Farm line maps that the WVGES has access to
- 90000 series – Any sources that the WVGES has access that shows a well spot but has no additional supporting information. DEP does not have 90000 series on their maps.
- There can be duplication between wells in the 3 series
- Phil indicated that other Operators are providing a screenshot of the WVGES map with their planned well and using that for permits

Wells within 500' Buffer

Note: Well spots depicted on Area of Review map are derived from State held coordinates. The spots may differ from those depicted on the Well Plat because the Plat locations represent actual field surveyed locations. Please refer to the Plat for surveyed well spots.

API Number	Operator Name	Total Depth	Perforated Fms	Producing zones not perforated	Is this well "known or reasonably expected to penetrate a depth that could be within the range of Fracture propagation"? 1000' is max limit I would assign to wells that might be within in range of fracture propagation	Comments
4710330458	South Penn Oil (S. Penn Nat. Gas)	3194' TVD	Gordon	unknown	No, the well is not deep enough to be within the expected fracture propagation from a Point Pleasant stimulation. Well is plugged.	Well was plugged 11/27/1943.
4710373104	unknown	unknown	unknown	unknown	Unknown but unlikely. The well likely represents an old shallow well that is too shallow to be affected by fracturing in the planned Point Pleasant well.	State records are incomplete.
4710301489	Perkins Oil and Gas, Inc.	unknown	unknown	unknown	Unknown but unlikely. The well likely represents an old shallow well that is too shallow to be affected by fracturing in the planned Point Pleasant well.	State records are incomplete.
4710373106	unknown	unknown	unknown	unknown	Unknown but unlikely. The well likely represents an old shallow well that is too shallow to be affected by fracturing in the planned Point Pleasant well.	State records are incomplete.

API Number	Operator Name	Total Depth	Perforated Fms	Producing zones not perforated	Is this well "known or reasonably expected to penetrate a depth that could be within the range of Fracture propagation"? 1000' is max limit I would assign to wells that might be within in range of fracture propagation	Comments
4710373113	unknown	unknown	unknown	unknown	Unknown but unlikely. The well likely represents an old shallow well that is too shallow to be affected by fracturing in the planned Point Pleasant well.	State records are incomplete.
4710373115	unknown	unknown	unknown	unknown	Unknown but unlikely. The well likely represents an old shallow well that is too shallow to be affected by fracturing in the planned Point Pleasant well.	State records are incomplete.
4710373116	unknown	unknown	unknown	unknown	Unknown but unlikely. The well likely represents an old shallow well that is too shallow to be affected by fracturing in the planned Point Pleasant well.	State records are incomplete.
4710373117	unknown	unknown	unknown	unknown	Unknown but unlikely. The well likely represents an old shallow well that is too shallow to be affected by fracturing in the planned Point Pleasant well.	State records are incomplete.
4710300896	Perkins Oil and Gas, Inc.	unknown	unknown	unknown	Unknown but unlikely. The well likely represents an old shallow well that is too shallow to be affected by fracturing in the planned Point Pleasant well.	State records are incomplete.

WV Geological & Economic Survey:

Well: County = 103 Permit = 30458

Report Time: Tuesday, October 19, 2021 1:51:48 PM

Well Reassignment Information: Reassigned From

OLD_COUNTY	OLD_PERMIT	NEW_COUNTY	NEW_PERMIT
103	70530	103	30458

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710330458	Wetzel	30458	Proctor	Wileyville	Littleton	39.701646	-80.735748	522654.4	4394677

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710330458	6/2/1900	Original Loc	Completed	H R Thompson	1			37822	unknown	South Penn Oil (S. Penn Nat. Gas)			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEFO	G_AFTO
4710330458	6/2/1900	-/-	1437	Ground Level	Cameron-Garner	UDev undf.Bari/LoHURN	Gordon	Development Well	unclassified	Oil	Cable Tool	Nat/Open H	3194		3194		0	0

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEFO	G_AFTO	O_BEFO	O_AFTO	WATER_QNTY
4710330458	6/2/1900	Pay	Oil	Vertical			3176	Gordon	0	0			

There is no Production Gas data for this well

There is no Production Oil data for this well ** some operators may have reported NGL under Oil

There is no Production NGL data for this well ** some operators may have reported NGL under Oil

There is no Production Water data for this well

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4710330458	Original Loc	Washington coal	Well Record	726	Reasonable	4	Reasonable	1435	Ground Level
4710330458	Original Loc	Sewickley coal	Well Record	1060	Reasonable	7	Reasonable	1435	Ground Level
4710330458	Original Loc	Pittsburgh coal	Well Record	1155	Reasonable	6	Reasonable	1435	Ground Level
4710330458	Original Loc	Big Lime	Well Record	2232	Reasonable	38	Reasonable	1435	Ground Level
4710330458	Original Loc	Big Injun (undiff)	Well Record	2270	Reasonable	315	Reasonable	1435	Ground Level
4710330458	Original Loc	Gordon Stray	Well Record	3130	Reasonable	12	Reasonable	1435	Ground Level
4710330458	Original Loc	Gordon	Well Record	3173	Reasonable	7	Reasonable	1435	Ground Level

There is no Wireline (E-Log) data for this well

Plugging Information:

API	PLG_DT	DEPTH_PBT
4710330458	11/27/1943	0

WV Geological & Economic Survey:

Well: County = 103 Permit = 73104

Report Time: Tuesday, October 19, 2021 1:52:14 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710373104	Wetzel	73104	Proctor	Wileyville	Littleton	39.701155	-80.738738	522398.2	4394621.8

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710373104	-/-		unknown	Prpty Map Nancy J Garner	25					----- unknown -----			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL
4710373104	-/-	-/-						unclassified	unclassified	not available	unknown	unknown									

WV Geological & Economic Survey:

Well: County = 103 Permit = 01489

Report Time: Tuesday, October 19, 2021 1:52:27 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710301489	Wetzel	1489	Proctor	Wileyville	Littleton	39.707252	-80.740437	522250.6	4395298

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710301489	-/-		Original Loc	Completed Rachel Coffield	1					Perkins Oil and Gas, Inc.			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL
4710301489	-/-	-/-						unclassified	unclassified	not available	unknown	unknown									

WV Geological & Economic Survey:

Well: County = 103 Permit = 73106

Report Time: Tuesday, October 19, 2021 1:52:46 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710373106	Wetzel	73106	Proctor	Wileyville	Littleton	39.703913	-80.740615	522236.4	4394927.4

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710373106	-/-		unknown	Prpty Map Nancy J Garner	26					----- unknown -----			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL
4710373106	-/-	-/-						unclassified	unclassified	not available	unknown	unknown									

WV Geological & Economic Survey:

Well: County = 103 Permit = 73113

Report Time: Tuesday, October 19, 2021 1:52:59 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710373113	Wetzel	73113	Proctor	Wileyville	Littleton	39.705364	-80.741741	522139.4	4395088.2

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710373113	-/-		unknown	Prpty Map W Garner	2					----- unknown -----			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL
4710373113	-/-	-/-						unclassified	unclassified	not available	unknown	unknown									

WV Geological & Economic Survey:

Well: County = 103 Permit = 73115

Report Time: Tuesday, October 19, 2021 1:53:12 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710373115	Wetzel	73115	Proctor	Wileyville	Littleton	39.70696	-80.739864	522299.8	4395265.8

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710373115	-/-		unknown	Prpty Map Rachel Coffield	4					----- unknown -----			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL
4710373115	-/-	-/-						unclassified	unclassified	not available	unknown	unknown									

WV Geological & Economic Survey:

Well: County = 103 Permit = 73116

Report Time: Tuesday, October 19, 2021 1:53:25 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710373116	Wetzel	73116	Proctor	Wileyville	Littleton	39.705509	-80.738175	522445.1	4395105.2

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710373116	-/-	unknown	Prpty Map	Rachel Coffield	3					----- unknown -----			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL
4710373116	-/-	-/-						unclassified	unclassified	not available	unknown	unknown									

WV Geological & Economic Survey:

Well: County = 103 Permit = 73117

Report Time: Tuesday, October 19, 2021 1:53:40 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710373117	Wetzel	73117	Proctor	Wileyville	Littleton	39.703912	-80.737611	522493.9	4394928.1

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710373117	-/-	unknown	Prpty Map	Coffield	31					----- unknown -----			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL
4710373117	-/-	-/-						unclassified	unclassified	not available	unknown	unknown									

WV Geological & Economic Survey

Well: County = 103 Permit = 00896

Report Time: Tuesday, October 19, 2021 1:53:53 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_76	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710300896	Wetzel	896	unknown	unknown	unknown				

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710300896	-/-		Original Loc	Rachael Colfield	1					Perkins Oil and Gas, Inc.			

Completion Information:

API	CMP_DT	SUFFIX	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	
4710300896	-/-		-/-			Unnamed			unclassified	unclassified	not available	unknown	unknown				0		0	0	0	0

There is no Pay data for this well

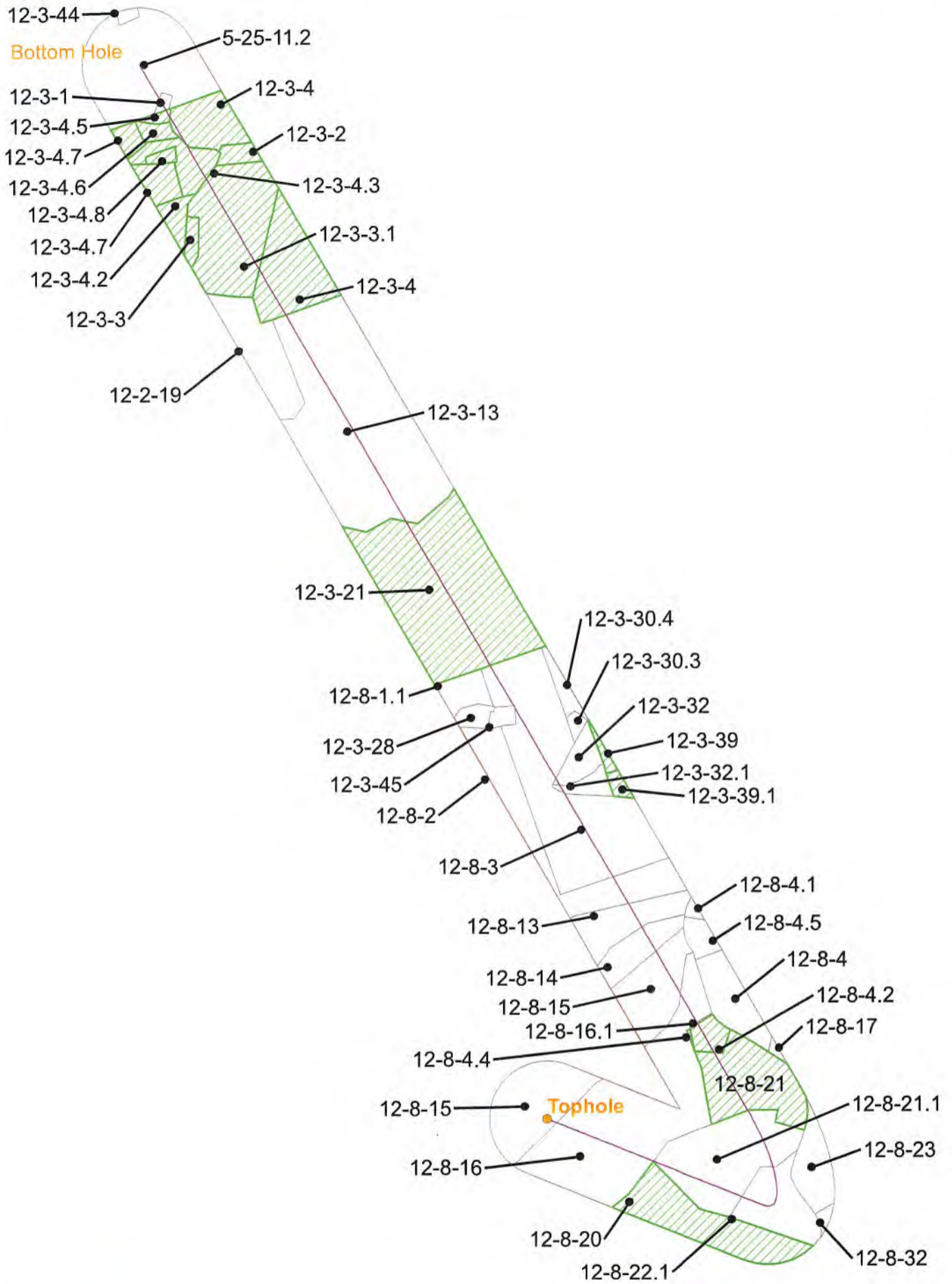
Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710300896	Perkins Oil and Gas, Inc.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	1991													
4710300896	Perkins Oil and Gas, Inc.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	1994													
4710300896	Perkins Oil and Gas, Inc.	1995													
4710300896	Perkins Oil and Gas, Inc.	1996	186	0	0	0	0	0	0	0	0	0	0	0	186
4710300896	Perkins Oil and Gas, Inc.	1997	978	178	259	0	0	251	50	0	0	0	0	59	151
4710300896	Perkins Oil and Gas, Inc.	1998	1436	0	0	0	0	27	205	112	220	232	220	204	226
4710300896	Perkins Oil and Gas, Inc.	1999	2382	319	188	290	200	187	47	123	215	219	185	220	198
4710300896	Perkins Oil and Gas, Inc.	2001	2200	189	160	199	178	164	153	203	204	182	169	226	143
4710300896	Perkins Oil and Gas, Inc.	2002	1819	155	119	201	159	143	158	184	162	132	159	84	183
4710300896	Perkins Oil and Gas, Inc.	2003	1651	122	109	163	162	159	155	175	166	177	159	2	102
4710300896	Perkins Oil and Gas, Inc.	2004	1827	149	142	169	170	142	154	171	131	150	154	156	139
4710300896	Perkins Oil and Gas, Inc.	2005	1589	141	118	107	137	140	139	83	147	143	135	159	140
4710300896	Perkins Oil and Gas, Inc.	2006	1538	123	90	141	113	136	133	141	143	135	138	125	120
4710300896	Perkins Oil and Gas, Inc.	2007	1535	126	90	122	126	137	133	117	140	136	143	132	123
4710300896	Perkins Oil and Gas, Inc.	2008	1441	124	111	113	87	95	135	140	140	105	139	129	123
4710300896	Perkins Oil and Gas, Inc.	2009	1366	107	107	117	107	127	129	128	136	4	133	146	125
4710300896	Perkins Oil and Gas, Inc.	2010	10084	727	628	953	876	959	903	893	923	433	879	811	799
4710300896	Perkins Oil and Gas, Inc.	2011	10396	511	818	897	929	999	831	968	976	1095	845	724	793
4710300896	Perkins Oil and Gas, Inc.	2012	9259	900	764	829	595	775	685	649	881	793	872	760	765
4710300896	Perkins Oil and Gas, Inc.	2013	9039	971	620	846	746	756	718	732	753	745	745	665	690
4710300896	Perkins Oil and Gas, Inc.	2014	9640	714	698	729	846	826	813	869	737	786	824	998	801
4710300896	Perkins Oil and Gas, Inc.	2015	9611	915	1012	828	589	662	626	897	1264	680	742	785	631
4710300896	Perkins Oil and Gas, Inc.	2016	6517	577	703	615	600	706	841	814	736	113	262	245	301
4710300896	Perkins Oil and Gas, Inc.	2017	8159	595	326	594	847	794	825	939	904	719	567	232	817
4710300896	Perkins Oil and Gas, Inc.	2018	5070	476	508	296	561	561	509	588	614	475	332	154	56
4710300896	Perkins Oil and Gas, Inc.	2019	6919	0	0	0	495	930	656	942	618	745	682	941	906
4710300896	Perkins Oil and Gas, Inc.	2020	1295	85	92	113	108	111	114	119	122	112	112	95	99

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710300896	Perkins Oil and Gas, Inc.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	1991													
4710300896	Perkins Oil and Gas, Inc.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	1994													
4710300896	Perkins Oil and Gas, Inc.	1995	20												20
4710300896	Perkins Oil and Gas, Inc.	1996	25	0	0	0	0	0	0	0	0	0	0	0	25
4710300896	Perkins Oil and Gas, Inc.	1997	122	6	35	5	0	0	0	0	0	0	0	0	6
4710300896	Perkins Oil and Gas, Inc.	1998	83	0	0	0	0	0	0	0	77	0	0	0	6
4710300896	Perkins Oil and Gas, Inc.	1999	268	6	84	5	0	81	5	0	0	0	0	80	7
4710300896	Perkins Oil and Gas, Inc.	2001	19	7	0	0	0	7	0	0	0	0	5	0	0
4710300896	Perkins Oil and Gas, Inc.	2002	264	85	0	6	0	83	0	6	0	73	0	0	6
4710300896	Perkins Oil and Gas, Inc.	2003	181	0	6	82	6	0	0	0	6	81	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2004	183	5	0	5	82	0	5	0	0	5	81	0	0
4710300896	Perkins Oil and Gas, Inc.	2005	178	0	5	0	81	5	0	0	0	82	0	5	5
4710300896	Perkins Oil and Gas, Inc.	2006	171	0	79	5	0	0	0	0	82	0	0	5	0
4710300896	Perkins Oil and Gas, Inc.	2007	167	0	2	81	0	0	5	0	79	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2008	189	84	0	4	0	0	0	77	0	0	4	0	0
4710300896	Perkins Oil and Gas, Inc.	2009	170	4	0	81	4	0	0	0	81	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2010	166	4	0	83	0	0	0	4	0	75	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2011	153	0	3	0	0	4	64	0	0	0	78	4	0
4710300896	Perkins Oil and Gas, Inc.	2012	160	0	5	78	0	0	0	0	77	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2013	148	79	0	0	0	69	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2014	237	72	0	0	0	84	0	0	0	0	0	0	81
4710300896	Perkins Oil and Gas, Inc.	2015	84	0	0	0	4	0	0	30	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2016	158		75	4				79					
4710300896	Perkins Oil and Gas, Inc.	2017	159	0			80					79			
4710300896	Perkins Oil and Gas, Inc.	2018	81	0	0	0	0	81	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2019	79	0	0	0	0	79	0	0	0	0	0	0	0
4710300896	Perkins Oil and Gas, Inc.	2020	136	0	0	68	0	0	0	0	0	0	70	0	0

Elmer N-17HU



Coordinate System: NAD 1983 UTM Zone 17N
 Projection: Transverse Mercator
 Datum: North American 1983
 False Easting: 164000.000
 False Northing: 0.000
 Central Meridian: -81.0000
 Scale Factor: 0.9996
 Latitude Of Origin: 0.0000
 Units: Feet US

CONFIDENTIAL



- Utica Well
- Force Pool
- 500' Buffer

Elmer N-17HU
 Operators within 500 Feet of Well Borehole



**Operators within 500' of Well Boreholes
Elmer N - 17HU**

COUNTY	DISTRICT	TMP	MINERAL OWNER OR LESSEE	ADDRESS
WETZEL	PROCTOR	12-2-19	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-1	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-2	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-3	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-3.1	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-4	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-4.2	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-4.3	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-4.5	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-4.6	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-4.7	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-4.8	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-13	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-21	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-21	COLUMBIA GAS TRANSMISSION LLC	1700 MacCorkle Ave SE Charleston, WV 25314
WETZEL	PROCTOR	12-3-28	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-30.3	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-30.4	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-32	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-32.1	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107

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**Operators within 500' of Well Boreholes
Elmer N - 17HU**

WETZEL	PROCTOR	12-3-39	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-39	CONKLIN CENTER FOR THE MULTI-HANDICAPPED BLIND	405 White Street Daytona Beach, FL 32114
WETZEL	PROCTOR	12-3-39	JAMI PAZUCHANICS	106 Concord Drive Canonsburg, PA 15317
WETZEL	PROCTOR	12-3-39	DWG OIL AND GAS ACQUISITIONS LLC	356 Nicholson Loop Road Morgantown, WV 26508
WETZEL	PROCTOR	12-3-39	UNKNOWN OR MISSING HEIRS OF ELIZABETH M GENTRY	Unknown
WETZEL	PROCTOR	12-3-39	HERMAN EUGENE COFFIELD	3502 Plaudit Place Owensboro, KY 42303
WETZEL	PROCTOR	12-3-39	HUMANE SOCIETY ENVIRONMENTAL DEFENSE FUND	257 Park Avenue South New York, NY 10010
WETZEL	PROCTOR	12-3-39	MARY JANE BAROLO	2538 Tam O Shanter Dr NW Cleveland, TN 37312
WETZEL	PROCTOR	12-3-39	JANICE BOGESS WESTERMAN	911 Chestnut Road Charleston, WV 25314
WETZEL	PROCTOR	12-3-39	LINDA L. ARCHER	874 Gary Barnard Road Cobbtown, GA 30420
WETZEL	PROCTOR	12-3-39	GARY ARCHER	1563 Harold Sikes Road Claxton, GA 30417
WETZEL	PROCTOR	12-3-39	JODIE MULLENS AKA GRETA JO MULLENS	Missing & Unlocatable
WETZEL	PROCTOR	12-3-39	JOHN J COFFIELD	3889 County Road APT 26 Wadley, AL 36276
WETZEL	PROCTOR	12-3-39	JOSEPHINE E REYNOLDS	29 West Main Street Fordsville, KY 42343
WETZEL	PROCTOR	12-3-39	JOYCE ANN DOUGHERTY AND ROBERT L DOUGHERTY	4277 Livorn Loop Myrtle Beach, SC 29579
WETZEL	PROCTOR	12-3-39	JULIE GARBER	P.O. Box 326 60 Mansel Drive Landing, NJ 07850
WETZEL	PROCTOR	12-3-39	KAREN SUE GRAY AND JAMES EDWARD GRAY JR	174 Idabelle Avenue Wheeling WV 26003-5063
WETZEL	PROCTOR	12-3-39	KATHI DAVIDSON	4996 Sable Pine Cir Apt A1 West Palm Beach, FL 33417
WETZEL	PROCTOR	12-3-39	KATHRYN MCKINNON	17 Ironwood Road Morristown, NJ 07960
WETZEL	PROCTOR	12-3-39	LAWRENCE P LEMON	76 Thomas Lane New Martinsville, WV 26155
WETZEL	PROCTOR	12-3-39	LEE ANN HORN	767 4th Street New Martinsville, WV 26155
WETZEL	PROCTOR	12-3-39	SANDY L BEHREMS	2122 Union Hill Triadelphia, WV 26059
WETZEL	PROCTOR	12-3-39	DAVID E HINERMAN	2546 National Road, Apt 309 Wheeling, WV 26003
WETZEL	PROCTOR	12-3-39	MEMORIAL CEMETERY ASSOCIATION (WILLIAMS CEMETERY)	253 Duerr Street New Martinsville, WV 26155
WETZEL	PROCTOR	12-3-39	NELLIE L HAWKINS	3607 Sunset Drive Homestead, PA 15120

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**Operators within 500' of Well Boreholes
Elmer N - 17HU**

WETZEL	PROCTOR	12-3-39	RICHARD M COFFIELD	186 General Cleburn Drive Richmond, KY 40475
WETZEL	PROCTOR	12-3-39	ROBERT JOHN WEISHAAPT	2001 Cook Mill Road Dandridge, TN 37725
WETZEL	PROCTOR	12-3-39	ROBERT T COFFIELD	302 Richmond Street Lancaster, KY 40444
WETZEL	PROCTOR	12-3-39	RONALD LOUIS HAWKINS	573 Whippoorwill Trl West Palm Beach, FL 33411
WETZEL	PROCTOR	12-3-39	RUSTY HAWKINS AKA RUSS LEE HAWKINS	1838 Windsor Dr North Palm Beach, FL 33408
WETZEL	PROCTOR	12-3-39	SUSAN C CLARK	8104 Sprocket Lane Charleston, SC 29406
WETZEL	PROCTOR	12-3-39	TERRY R CORN	4854 Highlands Place Dr Lakeland, FL 33813 PO Box 6924 Lakeland, FL 33807
WETZEL	PROCTOR	12-3-39	THE FIRST CHURCH OF CHRIST SCIENTIST, MASSACHUSETTS	250 Massachusetts AVE Boston, MA 02115
WETZEL	PROCTOR	12-3-39	HARLIE IKE CORN UNKNOWN HEIRS AND ASSIGNS	Unknown
WETZEL	PROCTOR	12-3-39	RAMONA MILTON	1515 Victoria Woods Hiawasse, GA 30546
WETZEL	PROCTOR	12-3-39	HAROLD COFFIELD, JR.	PO Box 293236 Phelan, CA 92329
WETZEL	PROCTOR	12-3-39	ROXANNA MILLER	94 Country Lane Sedona, AZ 86336
WETZEL	PROCTOR	12-3-39	JAMES J. COFFIELD	6835 Oak Lane Placerville, CA 95667
WETZEL	PROCTOR	12-3-39	REBECCA HAUGEN	39627 Bouquet Canyon Rd Leona Valley, CA 93351
WETZEL	PROCTOR	12-3-39	THEODORE HAWKINS	4546 Winkler Avenue Unit 104 Fort Myers, FL 33966
WETZEL	PROCTOR	12-3-39	THOMAS ROOS POTTS AND SUSAN POTTS	911 Chestnut RD Charleston, WV 25314
WETZEL	PROCTOR	12-3-39.1	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-39.1	CONKLIN CENTER FOR THE MULTI-HANDICAPPED BLIND	405 White ST Daytona Beach, FL 32114
WETZEL	PROCTOR	12-3-39.1	JAMI PAZUCHANICS	116 Dinsmore St., Belle Vernon, PA 15012-2602
WETZEL	PROCTOR	12-3-39.1	DWG OIL AND GAS ACQUISITIONS LLC	356 Nicholson Loop Road Morgantown, WV 26508
WETZEL	PROCTOR	12-3-39.1	UNKNOWN OR MISSING HEIRS OF ELIZABETH M GENTRY	Unknown
WETZEL	PROCTOR	12-3-39.1	HERMAN EUGENE COFFIELD	3502 Plaudit Place Owensboro, KY 42303
WETZEL	PROCTOR	12-3-39.1	HUMANE SOCIETY ENVIRONMENTAL DEFENSE FUND	257 Park Avenue South New York, NY 10010
WETZEL	PROCTOR	12-3-39.1	MARY JANE BAROLO	2538 Tam O Shanter Dr NW Cleveland, TN 37312
WETZEL	PROCTOR	12-3-39.1	JANICE BOGESS WESTERMAN	911 Chestnut Road Charleston, WV 25314

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**Operators within 500' of Well Boreholes
Elmer N - 17HU**

WETZEL	PROCTOR	12-3-39.1	LINDA L. ARCHER	874 Gary Barnard Road Cobbtown, GA 30420
WETZEL	PROCTOR	12-3-39.1	GARY ARCHER	1563 Harold Sikes Road Claxton, GA 30417
WETZEL	PROCTOR	12-3-39.1	JODIE MULLENS AKA GRETA JO MULLENS	1849 Cottage Grove Road Tallahassee, FL 32303
WETZEL	PROCTOR	12-3-39.1	JOHN J COFFIELD	3889 County Road APT 26 Wadley, AL 36276
WETZEL	PROCTOR	12-3-39.1	JOSEPHINE E REYNOLDS	29 West Main Street Fordsville, KY 42343
WETZEL	PROCTOR	12-3-39.1	JOYCE ANN DOUGHERTY AND ROBERT L DOUGHERTY	4277 Livorn Loop Myrtle Beach, SC 29579
WETZEL	PROCTOR	12-3-39.1	JULIE GARBER	P.O. Box 326 60 Mansel Drive Landing, NJ 07850
WETZEL	PROCTOR	12-3-39.1	KAREN SUE GRAY AND JAMES EDWARD GRAY JR	174 Idabelle Avenue Wheeling WV 26003-5063
WETZEL	PROCTOR	12-3-39.1	KATHI DAVIDSON	4996 Sable Pine Cir Apt A1 West Palm Beach, FL 33417
WETZEL	PROCTOR	12-3-39.1	KATHRYN MCKINNON	17 Ironwood Road Morristown, NJ 07960
WETZEL	PROCTOR	12-3-39.1	LAWRENCE P LEMON	76 Thomas Lane New Martinsville, WV 26155
WETZEL	PROCTOR	12-3-39.1	LEE ANN HORN	767 4th Street New Martinsville, WV 26155
WETZEL	PROCTOR	12-3-39.1	SANDY L BEHREMS	2122 Union Hill Triadelphia, WV 26059
WETZEL	PROCTOR	12-3-39.1	DAVID E HINERMAN	2546 National Road, Apt 309 Wheeling, WV 26003
WETZEL	PROCTOR	12-3-39.1	MEMORIAL CEMETERY ASSOCIATION (WILLIAMS CEMETERY)	253 Duerr Street New Martinsville, WV 26155
WETZEL	PROCTOR	12-3-39.1	NELLIE L HAWKINS	3607 Sunset Drive Homestead, PA 15120
WETZEL	PROCTOR	12-3-39.1	RICHARD M COFFIELD	186 General Cleburn Drive Richmond, KY 40475
WETZEL	PROCTOR	12-3-39.1	ROBERT JOHN WEISHAAPT	2001 Cook Mill Road Dandridge, TN 37725
WETZEL	PROCTOR	12-3-39.1	ROBERT T COFFIELD	302 Richmond Street Lancaster, KY 40444
WETZEL	PROCTOR	12-3-39.1	RONALD LOUIS HAWKINS	573 Whippoorwill Trl West Palm Beach, FL 33411
WETZEL	PROCTOR	12-3-39.1	RUSTY HAWKINS AKA RUSS LEE HAWKINS	1838 Windsor Dr North Palm Beach, FL 33408
WETZEL	PROCTOR	12-3-39.1	SUSAN C CLARK	8104 Sprocket Lane Charleston, SC 29406
WETZEL	PROCTOR	12-3-39.1	TERRY R CORN	4854 Highlands Place Dr Lakeland, FL 33813 PO Box 6924 Lakeland, FL 33807
WETZEL	PROCTOR	12-3-39.1	THE FIRST CHURCH OF CHRIST SCIENTIST, MASSACHUSETTS	250 Massachusetts AVE Boston, MA 02115

10/21/2022

**Operators within 500' of Well Boreholes
Elmer N - 17HU**

WETZEL	PROCTOR	12-3-39.1	HARLIE IKE CORN UNKNOWN HEIRS AND ASSIGNS	Missing
WETZEL	PROCTOR	12-3-39.1	RAMONA MILTON	1515 Victoria Woods Hiawasse, GA 30546
WETZEL	PROCTOR	12-3-39.1	HAROLD COFFIELD, JR.	PO Box 293236 Phelan, CA 92329
WETZEL	PROCTOR	12-3-39.1	ROXANNA MILLER	94 Country Lane Sedona, AZ 86336
WETZEL	PROCTOR	12-3-39.1	JAMES J. COFFIELD	3889 County Road, Apt. 26 Wadley, AL 36276
WETZEL	PROCTOR	12-3-39.1	REBECCA HAUGEN	39627 Bouquet Canyon Rd Leona Valley, CA 93351
WETZEL	PROCTOR	12-3-39.1	THEODORE HAWKINS	4546 Winkler Avenue Unit 104 Fort Myers, FL 33966
WETZEL	PROCTOR	12-3-39.1	THOMAS ROOS POTTS AND SUSAN POTTS	134 Pine Street Great Barrington, MA 01230
WETZEL	PROCTOR	12-3-44	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-3-45	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-1.1	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-2	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-3	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-4	SWN PRODUCTION COMPANY, LLC	10000 Energy Drive Spring, TX 77389
WETZEL	PROCTOR	12-8-4	EQUINOR USA ONSHORE PROPERTIES INC	6300 Bridge Point Pkwy Building 2, Suite 100 Austin, TX 78730
WETZEL	PROCTOR	12-8-4.1	SWN PRODUCTION COMPANY, LLC	10000 Energy Drive Spring, TX 77389
WETZEL	PROCTOR	12-8-4.1	EQUINOR USA ONSHORE PROPERTIES INC	6300 Bridge Point Pkwy Building 2, Suite 100 Austin, TX 78730
WETZEL	PROCTOR	12-8-4.2	SWN PRODUCTION COMPANY, LLC	10000 Energy Drive Spring, TX 77389
WETZEL	PROCTOR	12-8-4.2	EQUINOR USA ONSHORE PROPERTIES INC	6300 Bridge Point Pkwy Building 2, Suite 100 Austin, TX 78730
WETZEL	PROCTOR	12-8-4.4	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-4.5	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-4.5	EQUINOR USA ONSHORE PROPERTIES INC	6300 Bridge Point Pkwy Building 2, Suite 100 Austin, TX 78730
WETZEL	PROCTOR	12-8-13	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107

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**Operators within 500' of Well Boreholes
Elmer N - 17HU**

WETZEL	PROCTOR	12-8-14	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-15	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-16	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-16.1	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-17	SWN PRODUCTION COMPANY, LLC	10000 Energy Drive Spring, TX 77389
WETZEL	PROCTOR	12-8-17	EQUINOR USA ONSHORE PROPERTIES INC	6300 Bridge Point Pkwy Building 2, Suite 100 Austin, TX 78730
WETZEL	PROCTOR	12-8-20	SWN PRODUCTION COMPANY, LLC	10000 Energy Drive Spring, TX 77389
WETZEL	PROCTOR	12-8-20	EQUINOR USA ONSHORE PROPERTIES INC	6300 Bridge Point Pkwy Building 2, Suite 100 Austin, TX 78730
WETZEL	PROCTOR	12-8-21	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-21.1	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-22.1	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-23	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	12-8-32	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	5-25-11.2	TH EXPLORATION II, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107
WETZEL	PROCTOR	5-25-11.2	TH EXPLORATION, LLC	1320 S. University Blvd Suite 500 Fort Worth, TX 76107

* TH Exploration II, LLC is a wholly owned subsidiary of THQ Appalachia I, LLC. Tug Hill Operating, LLC provides oil and gas operations services to THQ Appalachia I, LLC under that certain Operating Services Agreement dated July 23, 2014. For further information please see the recorded affidavit submitted as part of the permit pack.

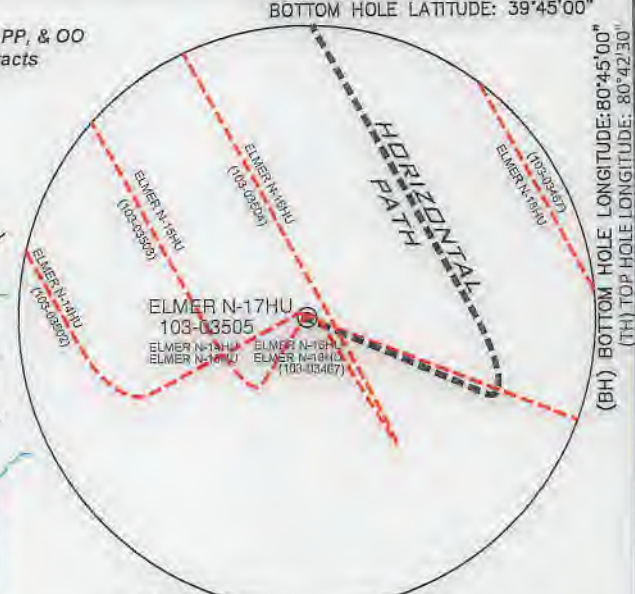
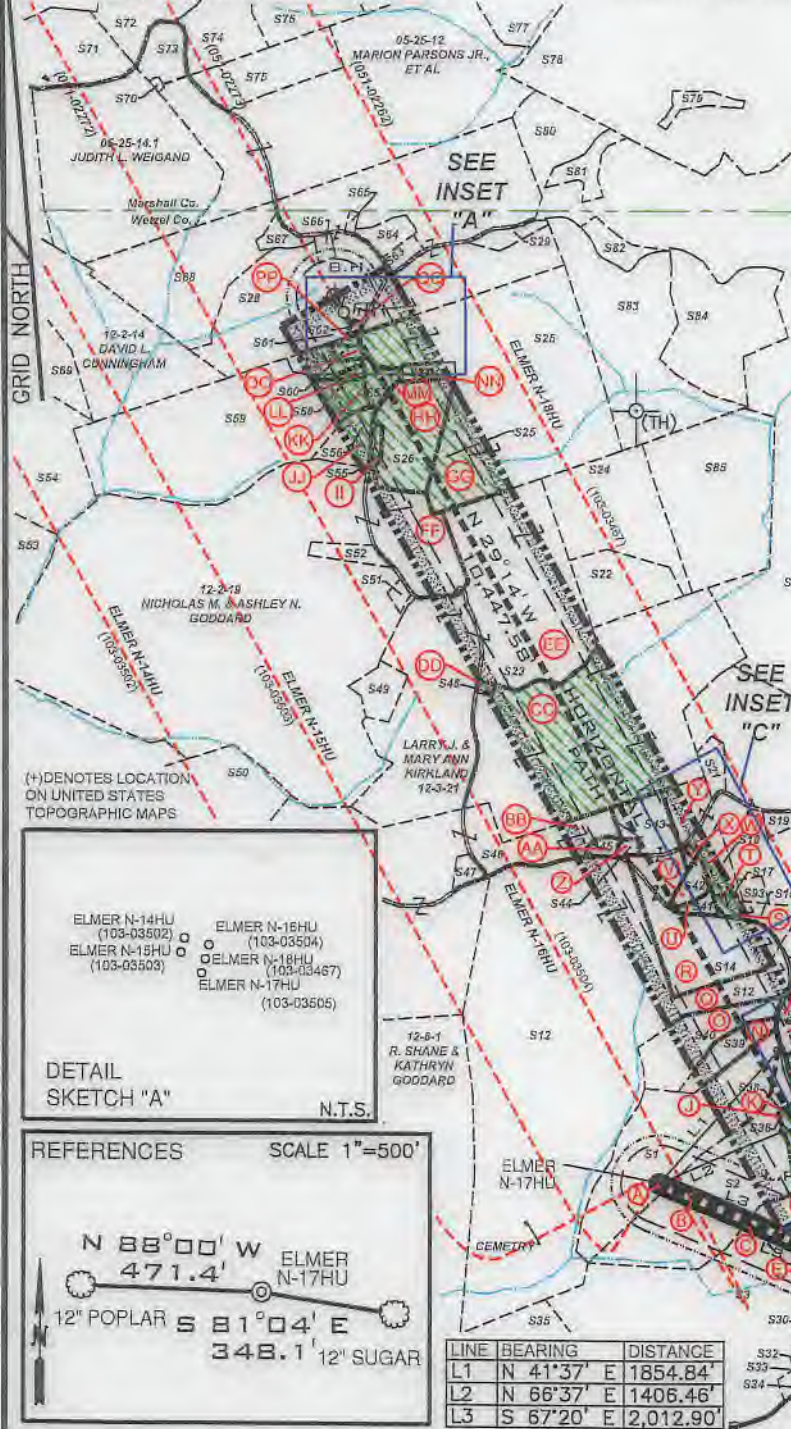
"For those parties identified as Missing or Address Unknown, the following actions were performed in pursuit of locating these individuals : A reasonable review of the records of the clerk of the county commission, the sheriff, the assessor, and the clerk of the circuit court in the county in which the interest is located, and includes unknown heirs, successors and assigns known to be alive; A reasonable inquiry in the vicinity of the owner's last known place of residence; A diligent inquiry into known interest owners in the same tract; and A reasonable review of available Internet

10/21/2022

ELMER LEASE WELL N-17HU 316.1602± ACRES

Note: Tracts C, J, DD, II, PP, & OO
are forced pooled tracts

TOP HOLE LATITUDE: 39°42'30"
BOTTOM HOLE LATITUDE: 39°45'00"



- NOTES**
1. BORE PATH BASED ON GRID NORTH.
 2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
 3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF WETZEL COUNTY, WV IN JULY, 2022.
 4. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 5. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
 6. ALL DEEP WELLS WITHIN 1,000' ARE SHOWN ON THIS PLAT.
 7. BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0058804.0401147

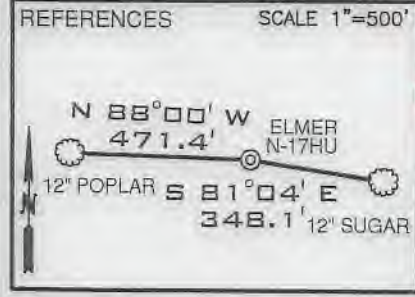
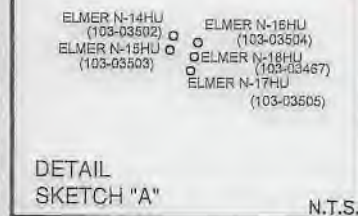
LEGEND

- LEASED TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- (O) (FTP) PROPOSED FIRST TAKE POINT
- (O) (LTP) PROPOSED LAST TAKE POINT
- FORCED POOL TRACT

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,393,813.81
E) 522,502.51

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,393,833.68
E) 523,033.87

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,396,585.19
E) 521,432.94



LINE	BEARING	DISTANCE
L1	N 41°37' E	1854.84'
L2	N 66°37' E	1406.46'
L3	S 67°20' E	2,012.90'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 78°18' E	89.30'	132.89'	89.81'
C2	N 57°54' E	82.80'	64.01'	66.41'
C3	N 15°28' E	80.98'	156.81'	86.68'
C4	N 03°47' W	128.45'	496.24'	128.81'
C5	N 16°34' W	301.98'	1383.88'	302.68'
C6	N 25°44' W	340.01'	2612.09'	340.25'

FILE NUMBER _____
DRAWING NUMBER ELMER_N-17HU_REV1
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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 THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

David L Jackson



JACKSON SURVEYING INC.
P.O. Box 1460
Clarksburg, WV 26302
304-623-8851

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET, SE
CHARLESTON, WV 25304

DATE: SEPTEMBER 28, 2022
OPERATORS WELL NO. ELMER N-17HU
API WELL NO. 47-103-03505 MOD
STATE WV COUNTY WETZEL PERMIT _____
LOCATION ELEVATION 1276.50' WATERSHED (HUC 10) PROCTOR CREEK OF FRENCH CREEK - OHIO RIVER (HUC-10)
DISTRICT PROCTOR COUNTY WETZEL
QUADRANGLE WILEYVILLE 7.5' LEASE NUMBER _____ SEE WW-6A1 FORM

SURFACE OWNER ELNORA TUTTLE HRS. ACREAGE 39.19
OIL & GAS ROYALTY OWNER HENRY & NANCY GARNER - SEE WW-6A1 LEASE ACREAGE 39.19
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____
PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE (SPECIFY) _____
TARGET FORMATION POINT PLEASANT PLUG & ABANDON _____ CLEAN OUT & REPLUG _____
WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DARREN BROWN, CT CORP
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107 ADDRESS 5098 WASHINGTON STREET WEST, SUITE 407 CHARLESTON, WV 25313-1561

10/21/2022

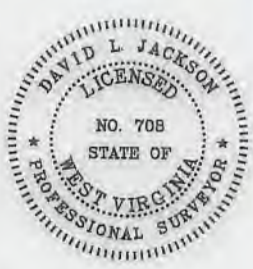
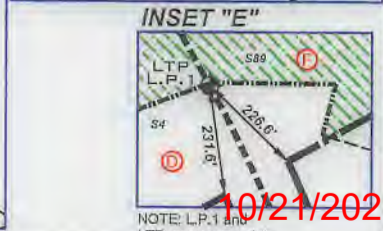
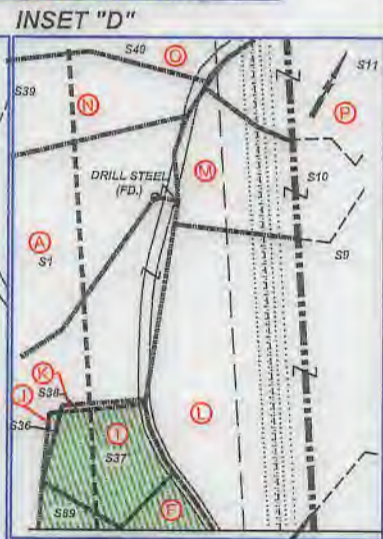
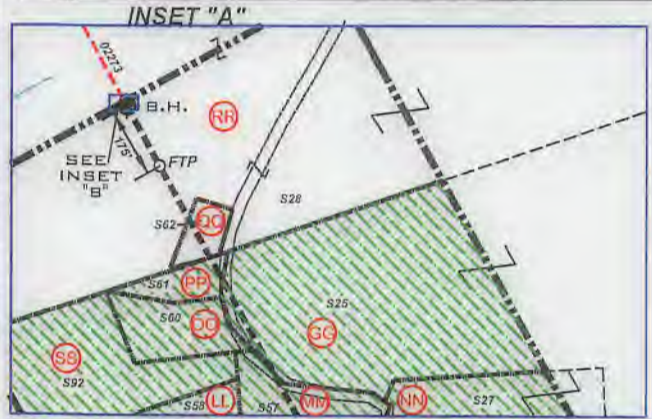
COUNTY NAME
PERMIT

**ELMER LEASE
WELL N-17HU
316,1602± ACRES**

* FORCED POOLED TRACTS ARE HIGHLIGHTED

Tags	Number	Tax Map - Parcel	Surface Owner	Acres
A	S1	12-8-15	ELNORA TUTTLE HRS.	39.19
B	S2	12-8-16	CHARLES & BETTY HUGGINS	39.13
C	S3	12-8-17	NANCY D. TRUAX	95.85
D	S4	12-8-21.1	LINDA M. STOUT	15.26
E	S5	12-8-22.1	BARRY C. KIRKLAND	7.401
G	S6	12-8-23	JACOB WOODROW & MARY JOSEPHINE NICE	59
	S7	12-8-32	DAVID TODD & CINDY L. BATES & CHARLES M. THOMAS	27.297
H	S8	12-8-17	JACOB WOODROW & MARY JOSEPHINE NICE	85.69
L	S9	12-8-4	JACOB WOODROW & MARY JOSEPHINE NICE	20.893
M	S10	12-8-4.5	JACOB WOODROW & MARY JOSEPHINE NICE	51.107
P	S11	12-8-4.1	JACOB WOODROW & MARY JOSEPHINE NICE	6.171
Q	S12	12-8-2	R. SHANE & KATHRYN GODDARD	1.78
	S13	12-8-4.3	BRADY G. & SHARON L. HOWELL	5.59
R	S14	12-8-3	R. SHANE & KATHRYN GODDARD	31.13
S	S15	12-8-31	DOUGLAS & SUZANNE ESTEP	3.25
Y	S16	12-3-30.4	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & SUZANNE ESTEP (RAYMOND ESTEP - L/E)	81.82
T	S17	12-3-31.1	WILLIAM NICE	1.31
W	S18	12-3-31	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & SUZANNE ESTEP (RAYMOND ESTEP - L/E)	4.69
	S19	12-3-30.2	APRIL ROSE & DONALD ALLEN POSTLETHWAIT	1.67
	S20	12-3-30	MARY ROSE YODHO - L/E; APRIL ROSE POSTLETHWAIT	0.48
	S21	12-3-29	FRIEND V. ESTEP (RAYMOND F. ESTEP - L/E)	2.9
	S22	12-3-14.1	MATTHEW D. HALL	13
EE	S23	12-3-13	LARRY J. & MARY ANN KIRKLAND	95
	S24	12-3-14	ROBERT W. BAXTER, FREDERICK J. BAXTER & ANN C. LINGER	27
GG	S25	12-3-4	MARY HOHMAN ET AL	85
HH	S26	12-3-31	DIANA & ROBERT L. SMITH	15.78
NN	S27	12-3-32	ROBERT LEE & DIANA G. SMITH	2.48
RR	S28	5-25-11.2	JAMES W. KLUG	110.491
	S29	12-3-42	I. M. KLUG	2.617
	S30	12-8-20.1	PAUL J. BLAKE	1.5
	S31	12-8-20.5	PAUL J. BLAKE	0.25
	S32	12-8-20.9	JOSHUA M. & COURTNEY R. NEFF	0.4
	S33	12-8-20.8	JOSHUA M. & COURTNEY R. NEFF	0.99
	S34	12-8-20.6	JOHN G. & DEBRA D. THROCKMORTON	1.046
	S35	12-8-20.5	JOE B. MILLER & GERALD & SUE YEATER	44.85
J	S36	12-8-4.4	CHARLES & BETTY HUGGINS	0.69
I	S37	12-8-4.2	BRENT A. & KIMBERLY J. EDDY	1.861
K	S38	12-8-16.1	BRENT A. & KIMBERLY J. EDDY	0.06
N	S39	12-8-14	EDWARD C. & SANDRA K. MURRINER	5.33
O	S40	12-8-13	EDWARD C. & SANDRA K. MURRINER	15
U	S41	12-3-32.1	TIMOTHY L. & LEA ANN SUMMERS	1.78
V	S42	12-3-32	TIMOTHY L. SUMMERS	2.32
X	S43	12-3-30.3	TIMOTHY L. SUMMERS	0.61
Z	S44	12-3-45	ANTIOCH CHURCH	0.774
AA	S45	12-3-28	ANTIOCH CHURCH	1
BB	S46	12-8-1.1	R. SHANE & KATHRYN GODDARD	92.69
	S47	12-8-1.2	JOSH GODDARD	1.81
DD	S48	12-3-1	LARRY J. & MARY ANN KIRKLAND	0.47
	S49	12-3-13.1	ZACHARY J. KIRKLAND	5
	S50	12-2-22.1	DAVID A. NICE	54.66
	S51	12-3-48	RONALD W. & JULIANA NICE	1
	S52	12-3-12	RODNEY DEAN JACKSON	3.625
	S53	12-2-12	BERYLE E. MASON	59.9
	S54	12-2-13	JAY S. BOOTH; DANIEL T. BOOTH & DIANE BETH OVERDORFF	100
II	S55	12-3-49	AMITA LARELL SLOUGH	1.12
JJ	S56	12-3-49.3	DEREK L. BAKER	5.21
MM	S57	12-3-49.8	JOSEPH P. & BARBARA A. CAIN	3.619
LL	S58	12-3-49.2	ERIN HUBBS	0.621
KK	S59	12-3-49.7	JOSEPH P. & BARBARA A. CAIN	67.3
QQ	S60	12-3-49.6	STEVEN P. WAYMAN	1.009
PP	S61	12-3-49.5	HAZEL M. BLAIR	0.451
QQ	S62	12-3-1	JAMES W. KLUG	0.375
	S63	12-3-48	ADAM W. FERRELL & BRITTANY M. LOY	1.97
	S64	12-3-49	LOGAN & AMY TAYLOR	3.814

Tags	Number	Tax Map - Parcel	Surface Owner	Acres
	S65	12-3-47	WETZEL CO. EMERGENCY AMBULANCE	0.5
	S66	12-3-44	JAMES A. & JO C. ESTEP	1.1
	S67	05-25-11.1	EDWARD W. & DIANNA KLUG	2.343
	S68	05-25-11.4	EDWARD W. KLUG, ET UX	32.787
	S69	12-2-14.2	JOHN G. JR. & GERALDINE W. ROGERS	22.0007
	S70	05-25-13.4	PARSONS CEMETERY	0.382
	S71	05-25-14	ROY F. YODHO	23
	S72	05-25-1	MICHAEL L. MASON	35.43
	S73	05-25-13.2	DAVID A. KLUG	5.89
	S74	05-25-13	WILLIAM M. FERDA, JR. & STEPHANIE L. PAUCKA	16.014
	S75	05-25-12.1	KENT & BETTY MASON	15
	S76	05-25-1.5	RYAN J. BRATTON	21.35
	S77	05-25-2	JAMES W. KLUG	122.3
	S78	05-25-3	S.D. FERTITTA, ET UX	181.548
	S79	05-25-3.1	S.D. FERTITTA, ET UX	3.022
	S80	05-25-10	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	18.75
	S81	05-25-10.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	5.25
	S82	12-3-41	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	4.102
	S83	12-3-41.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	74.138
	S84	12-3-4.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	10.5
	S85	12-3-15	ROBERT W. BAXTER, FREDERICK J. BAXTER & ANN C. LINGER	38
	S86	12-3-22	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & JOAN ESTEP (RAYMOND ESTEP - L/E)	22.5
	S87	12-3-30.1	JOAN & MICHAEL J. ESTEP	1.75
	S88	12-3-33	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & JOAN ESTEP (RAYMOND ESTEP - L/E)	58.32
F	S89	12-3-21	EDUARDO C. & SONYA R. DEGUZMAN	11.51
	S90	12-8-32.8	DAVID TODD & CINDY L. BATES	36.425
	S91	12-8-32.6	CHARLES W. THOMAS, JR.	1.309
SS	S92	p/o 12-3-39 & 30.4	JOSHUA D. LEMASTERS & ERIN LEMASTERS	3.602
	S93	p/o 12-3-39 & 30.4	DOUGLAS & SUZANNE ESTEP	0.145



P.S. 708 *David L Jackson*

10/21/2022
NOTE: L.P.1 and LTP are same point.



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: ELMER N-17HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV Mod
API #: 47-103-03505

WELL PLAT
PAGE 2 OF 3
DATE: 07/28/2022
REVISED: 09/28/2022

**ELMER LEASE
WELL N-17HU
316.1602± ACRES**

Lease ID	TMP	Tag	Granor, Lessor, Etc.	Deed Book/Page	
10*31435	12-8-15	A	HENRY AND NANCY GARNER	55	394
10*31435	12-8-16	B	HENRY AND NANCY GARNER	55	394
FORCE POOL	12-8-20	C	BRC MINERALS LP, ET AL	102A	501
10*31435	12-8-21.1	D	HENRY AND NANCY GARNER	55	394
10*31435	12-8-22.1	E	HENRY AND NANCY GARNER	55	394
10*31435	12-8-21	F	HENRY AND NANCY GARNER	55	394
10*31435	12-8-23	G	HENRY AND NANCY GARNER	55	394
10*40155	12-8-17	H	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*40155	12-8-4.2	I	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*40155	12-8-4.4	J	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-16.1	K	HENRY AND NANCY GARNER	55	394
10*40155	12-8-4	L	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*40155	12-8-4.5	M	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-14	N	HENRY AND NANCY GARNER	55	394
10*31435	12-8-13	O	HENRY AND NANCY GARNER	55	394
	12-8-4.1	P	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-2	Q	HENRY AND NANCY GARNER	55	394
10*31435	12-8-3	R	HENRY AND NANCY GARNER	55	394
10*31435	12-3-31	S	HENRY AND NANCY GARNER	55	394
10*24010	12-3-39.1	T	JOHN ROBINSON DAVIS, ET AL	215A	419
10*24010	12-3-32.1	U	JOHN ROBINSON DAVIS, ET AL	215A	419
10*24010	12-3-32	V	JOHN ROBINSON DAVIS, ET AL	215A	419
10*24010	12-3-39	W	JOHN ROBINSON DAVIS, ET AL	215A	419
10*31435	12-3-30.3	X	HENRY AND NANCY GARNER	55	394
10*31435	12-3-30.4	Y	HENRY AND NANCY GARNER	55	394
10*31435	12-3-45	Z	HENRY AND NANCY GARNER	55	394
10*31435	12-3-28	AA	HENRY AND NANCY GARNER, ET AL	55	394
10*31435	12-8-1.1	BB	HENRY AND NANCY GARNER	55	394
FORCE POOL	12-3-21	CC	RACHEL AND JACOB COFFIELD, ET AL	55	329
10*39463	12-3-4	GG	J P COOPER ET AL	56	245
10*39463	12-3-3.1	HH	J P COOPER ET AL	56	245
10*39463	12-3-3	II	J P COOPER ET AL	56	245
10*39463	12-3-4.2	JJ	J P COOPER ET AL	56	245
10*39463	12-3-4.7	KK	J P COOPER ET AL	56	245
10*39463	12-3-4.8	LL	J P COOPER ET AL	56	245
10*39463	12-3-4.3	MM	J P COOPER ET AL	56	245
10*39463	12-3-2	NN	J P COOPER ET AL	56	245
10*39463	12-3-4.6	OO	J P COOPER ET AL	56	245
10*39463	12-3-4.5	PP	J P COOPER ET AL	56	245
10*22496	12-3-1	QQ	JAMES W KLUG	923	543
10*22496	5-25-11.2	RR	JAMES W KLUG	923	543

DEEP WELLS WITHIN 2400' OF PROPOSED WELL'S SURFACE LOCATION AND/OR WITHIN 500' OF WELL LATERAL

API	OPERATOR
47-051-02273	Tug Hill Operating, LLC
47-103-03467	Tug Hill Operating, LLC
47-103-03502	Tug Hill Operating, LLC
47-103-03503	Tug Hill Operating, LLC
47-103-03504	Tug Hill Operating, LLC



P.S. 708

David L Jackson

10/21/2022



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: ELMER N-17HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV **MOD**
API #: 47-103-03505

WELL PLAT
PAGE 3 OF 3
DATE: 07/28/2022
REVISED: 09/28/2022

**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 attached pages

RECEIVED
Office of Oil and Gas
AUG 19 2022
WV Department of
Environmental Protection

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

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

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

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Tug Hill Operating, LLC
 By: Amy L. Morris *amy l morris*
 Its: Permitting Specialist - Appalachia Region

Office of Oil and Gas
RECEIVED

Lease ID	TMP	Tag	Granor, Lessor, Etc.	Grantee, Lessee, Etc.	Ryality	Deed Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	
10*31435	12-8-15	A	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*31435	12-8-16	B	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*31435	12-8-21.1	D	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*31435	12-8-22.1	E	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*31435	12-8-21	F	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*40155	12-8-4.2	I	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	THE MANUFACTURERS LIGHT & HEAT COMPANY	1/8+	47A 197	The Manufacturers Light & Heat Company to Columbia Gas Transmission Company: 263/164	Columbia Gas Transmission Corp to Columbia Natural Resources LLC: 84A/129	Columbia Natural Resources LLC to Chesapeake Appalachia LLC: 402/446	Columbia Gas Transmission LLC to Chesapeake Appalachia LLC: 90A/242	Chesapeake Appalachia LLC to Statoilhydro USA Onshore Properties Inc: 97A/578	Chesapeake Appalachia LLC to SWN Production Company LLC: 157A/540	Statoil USA Onshore Properties Inc to SWN Exchange Titleholder LLC: 158A/801	Merger - SWN Exchange Titleholder LLC with and into SWN Production Company LLC: CB 13/296	Equinor USA Onshore Properties Inc to TH Exploration LLC: 219A/31	SWN Production Company LLC to TH Exploration LLC: 291A/39
10*31435	12-8-16.1	K	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463

10*31435	12-8-14	N	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
10*31435	12-8-13	O	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
10*31435	12-8-2	Q	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
10*31435	12-8-3	R	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
10*24010	12-3-32.1	U	JOHN ROBINSON DAVIS	TH EXPLORATION LLC	1/8+	215A	419	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24220	12-3-32.1	U	RICHARD C DAVIS JR	TH EXPLORATION LLC	1/8+	216A	390	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24010	12-3-32	V	JOHN ROBINSON DAVIS	TH EXPLORATION LLC	1/8+	215A	419	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24220	12-3-32	V	RICHARD C DAVIS JR	TH EXPLORATION LLC	1/8+	216A	390	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*31435	12-3-45	Z	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
FORCE POOL	12-3-21	CC	RACHEL AND JACOB COFFIELD	J A PHILLIPS	1/8+	55	329	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to Tri State Gas Company: 73/348 & 73/353	Tri-State Gas Company to The Manufacturers Light & Heat Company: 9A/141	The Manufacturers Light & Heat Company to Columbia Gas Transmission Corp: 263/164	Name Change - Columbia Gas Transmission Corporation changed its name to Columbia Gas Transmission LLC - 1/30/2009	**FORCE POOL**					
10*21681	12-3-21	CC	DOROTHY J HAAS	TH EXPLORATION LLC	1/8+	214A	358	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22229	12-3-21	CC	MURIEL A MILLER	TH EXPLORATION LLC	1/8+	204A	150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22230	12-3-21	CC	JOHN P SNYDER	TH EXPLORATION LLC	1/8+	204A	146	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22694	12-3-21	CC	HAMMETT LAND & MINERALS LLC SAMUEL C HAMMETT MANAGING MEMBER	TH EXPLORATION LLC	1/8+	209a	283	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23007	12-3-21	CC	JOHN M PARSONS & ANTOINETTE L COSTANTINO	TH EXPLORATION LLC	1/8+	209A	287	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23512	12-3-21	CC	VIVIAN A PARSONS	TH EXPLORATION LLC	1/8+	212A	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23697	12-3-21	CC	RICHARD ALLEN FONNER AND LINDA M FONNER	TH EXPLORATION LLC	1/8+	212A	521	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23719	12-3-21	CC	BRENDA S FONNER	TH EXPLORATION LLC	1/8+	213A	410	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23797	12-3-21	CC	FREDERICK R FONNER AND PENELOPE G FONNER	TH EXPLORATION LLC	1/8+	213A	703	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10*23824	12-3-21	CC	JAMES H PARSONS JR	TH EXPLORATION LLC	1/8+	215A	262	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24004	12-3-21	CC	JOHN E FONNER AND MICHELE D FONNER	TH EXPLORATION LLC	1/8+	215A	437	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24148	12-3-21	CC	ROY C PARSONS	TH EXPLORATION LLC	1/8+	212A	517	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24175	12-3-21	CC	THOMAS L FONNER	TH EXPLORATION LLC	1/8+	214A	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24602	12-3-21	CC	HERBERT L MILLER AND BRENDA S MILLER	TH EXPLORATION LLC	1/8+	215A	402	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*25009	12-3-21	CC	FRANCES E ALLOWAY	TH EXPLORATION LLC	1/8+	220A	887	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*26923	12-3-21	CC	CHRISTOPHER TILLMAN AND KELLY L TILLMAN	TH EXPLORATION LLC	1/8+	225A	771	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*26986	12-3-21	CC	ROBERT FRANKLIN II FONNER AND KARYN FONNER	TH EXPLORATION LLC	1/8+	226A	407	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27309	12-3-21	CC	JOHN IHNATOLYA AND CHARLOTTE IHNATOLYA	TH EXPLORATION LLC	1/8+	229A	590	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27548	12-3-21	CC	BECKY LANE LLC	TH EXPLORATION LLC	1/8+	232A	716	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27549	12-3-21	CC	BETTY JANE RICHARDSON FONNER	TH EXPLORATION LLC	1/8+	232A	720	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27963	12-3-21	CC	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	232A	339	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*28038	12-3-21	CC	CHRISTINE C CONNOR AND WILLIAM KYLE CONNOR	TH EXPLORATION LLC	1/8+	234A	623	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*31435	12-3-21	CC	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463		
10*31440	12-3-21	CC	RACHEL AND JACOB COFFIELD	J A PHILLIPS	1/8+	55	329	J A Phillips to South Penn Oil Company: 56/284	South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463		
10*22229	12-3-13	EE	MURIEL A MILLER	TH EXPLORATION LLC	1/8+	204A	150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22230	12-3-13	EE	JOHN P SNYDER	TH EXPLORATION LLC	1/8+	204A	146	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23007	12-3-13	EE	JOHN M PARSONS & ANTOINETTE L COSTANTINO	TH EXPLORATION LLC	1/8+	209A	287	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23512	12-3-13	EE	VIVIAN A PARSONS	TH EXPLORATION LLC	1/8+	212A	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23697	12-3-13	EE	RICHARD ALLEN FONNER AND LINDA M FONNER	TH EXPLORATION LLC	1/8+	212A	521	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23719	12-3-13	EE	BRENDA S FONNER	TH EXPLORATION LLC	1/8+	213A	410	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23797	12-3-13	EE	FREDERICK R FONNER AND PENELOPE G FONNER	TH EXPLORATION LLC	1/8+	213A	703	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23824	12-3-13	EE	JAMES H PARSONS JR	TH EXPLORATION LLC	1/8+	215A	437	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24004	12-3-13	EE	JOHN E FONNER AND MICHELE D FONNER	TH EXPLORATION LLC	1/8+	215A	437	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24148	12-3-13	EE	ROY C PARSONS	TH EXPLORATION LLC	1/8+	212A	517	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24175	12-3-13	EE	THOMAS L FONNER	TH EXPLORATION LLC	1/8+	214A	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24602	12-3-13	EE	HERBERT L MILLER AND BRENDA S MILLER	TH EXPLORATION LLC	1/8+	215A	402	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*25009	12-3-13	EE	FRANCES E ALLOWAY	TH EXPLORATION LLC	1/8+	220A	887	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*26923	12-3-13	EE	CHRISTOPHER TILLMAN AND KELLY L TILLMAN	TH EXPLORATION LLC	1/8+	225A	771	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*26986	12-3-13	EE	ROBERT FRANKLIN II FONNER AND KARYN FONNER	TH EXPLORATION LLC	1/8+	226A	407	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27309	12-3-13	EE	JOHN IHNATOLYA AND CHARLOTTE IHNATOLYA	TH EXPLORATION LLC	1/8+	229A	590	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27548	12-3-13	EE	BECKY LANE LLC	TH EXPLORATION LLC	1/8+	232A	716	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27549	12-3-13	EE	BETTY JANE RICHARDSON FONNER	TH EXPLORATION LLC	1/8+	232A	720	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27963	12-3-13	EE	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	232A	339	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*28038	12-3-13	EE	CHRISTINE C CONNOR AND WILLIAM KYLE CONNOR	TH EXPLORATION LLC	1/8+	234A	623	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*31426	12-3-13	EE	DOROTHY J HAAS	ANTERO RESOURCES CORPORATION	1/8+	194A	88	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corp to TH Exploration LLC: 256A/812
10*31435	12-3-13	EE	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463		
10*39163	12-3-13	EE	HAMMETT LAND & MINERALS LLC SAMUEL C HAMMETT MANAGING MEMBER	TH EXPLORATION LLC	1/8+	263A	282	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

10*39463	12-3-4	GG	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39463	12-3-3.1	HH	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39463	12-3-4.3	MM	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39463	12-3-4.5	PP	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*22496	12-3-1	QQ	JAMES W KLUG	AMERICAN PETROLEUM PARTNERS LLC	1/8+	923	543	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	American Petroleum Partners LLC to TH Exploration LLC: 207A/706
10*22496	5-25-11.2	RR	JAMES W KLUG	AMERICAN PETROLEUM PARTNERS LLC	1/8+	923	543	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	American Petroleum Partners LLC to TH Exploration LLC: 207A/706

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 AUG 19 2012
 WV Department of Environmental Protection

MEMORANDUM OF PARTIAL ASSIGNMENT OF OIL AND GAS LEASES

STATE OF WEST VIRGINIA §
§
COUNTY OF WETZEL §

This **MEMORANDUM OF PARTIAL ASSIGNMENT OF OIL AND GAS LEASES** (hereinafter, the "Memorandum") has been executed by and between **PERKINS OIL & GAS, INC.**, a West Virginia corporation, whose address is 2966 Northwest Turnpike, Pennsboro, West Virginia 26415 (hereinafter the "Assignor"), and **TH EXPLORATION, LLC**, a Texas limited liability company (hereinafter the "Assignee") whose address is 1320 South University Drive, Suite 500, Fort Worth, Texas 76107. Assignor and Assignee are sometimes referred to herein, collectively, as the "Parties" and, individually, as a "Party." This Memorandum is being executed for the purpose of providing notice to third parties of the execution of a certain Partial Assignment of Oil and Gas Leases (hereinafter, the "Assignment"), by and between the Parties.

WHEREAS, Assignor is the current owner and lessee of certain oil and gas leases located in Wetzel County, West Virginia, covering specific parcels and being more particularly described on **Exhibit "A"** attached hereto and made a part hereof (collectively, the "Oil and Gas Leases").

In the Assignment dated effective as of the 15th day of October, 2020 (hereinafter, the "Effective Date") and this Memorandum, Assignor does hereby **GRANT, BARGAIN, SELL, CONVEY, TRANSFER and ASSIGN** unto Assignee, all right, title and interest in and to the Oil and Gas Leases **INSOFAR AND ONLY INSOFAR** as each lease and parcel covers those formations lying between two hundred (200) feet above and two hundred (200) feet below the formations commonly known to as the Utica/Point Pleasant Shale formations, or the stratigraphic equivalent thereof (such depths and formations being referred to as the "Assigned Formations"). The Assigned Formations are included with and part of the Assigned Rights as defined in the Assignment.

EXCLUDING THEREFROM AND EXCEPTING AND RESERVING UNTO THE ASSIGNOR, ITS SUCCESSORS AND ASSIGNS, THE OVERRIDING ROYALTY INTEREST, as defined in the Assignment.

The Assignment contains various other terms, provisions and conditions, all of which are incorporated herein by reference, and made a part hereof in all respects as though the same were fully set forth herein. To the extent that there are any inconsistencies between this Memorandum and the Assignment, the terms and provisions of the Assignment shall prevail.

Assignor does hereby bind itself and its successors and assigns to warrant and forever defend all and singular title to the Assigned Formations unto Assignee and Assignee's successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by through, or under Assignor, but not otherwise.

This Memorandum is made expressly subject to the terms and conditions of the Purchase and Sale Agreement dated June, 24, 2020, by and between the Parties, all of which are fully incorporated herein by reference (the "Purchase Agreement").

This Memorandum may be executed in multiple counterparts, each of which shall be deemed an original instrument, but all such counterparts together shall constitute but one agreement.

[TWO SIGNATURE PAGES TO FOLLOW]

CP

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AUG 18 2022
Department of Environmental Protection

10/21/2022

WV-AGR-0009

2: Special Warranty. Assignor represents and warrants that Assignor has not conveyed or otherwise encumbered (other than Permitted Encumbrances) its interest in the

with the provisions of this Assignment.

Assignor or its designee, and their respective successors and assigns, forever, in accordance with the provisions of this Assignment.

TO HAVE AND TO HOLD such right, title and interest in and to the Leases unto Assignor or its designee, and their respective successors and assigns, forever, in accordance with the provisions of this Assignment, together with all rights incident thereto and appurtenances thereon.

1. Assignment. Assignor does hereby grant, bargain, sell, convey, deliver, assign, set over and transfer, as of the Effective Date, to Assignor, its respective successors and assigns, forever, all of Assignor's right, title and interest in and to the Leases, and the lands covered thereby, together with all rights incident thereto and appurtenances thereon.

bound, do covenant and agree as follows: NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and subject to the limited warranties, restrictions and conditions hereinafter mentioned, the parties hereto, intending to be legally

WHEREAS, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to the Leases as described below. part hereof (hereinafter the "Leases"); and

WHEREAS, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to those certain Oil and Gas Leases situated in West Virginia, as described in Exhibit "A", attached hereto and made a part hereof (hereinafter the "Leases"); and

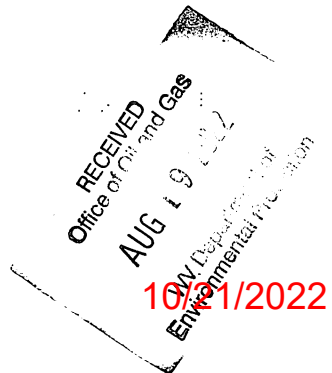
WITNESSETH:

THIS ASSIGNMENT AND CONVEYANCE (the "Assignment") is made and entered into this 18th day of May, 2018, and made effective December 12, 2017 (the "Effective Date"), by and between AMERICAN PETROLEUM PARTNERS OPERATING, LLC, (hereinafter "Assignor") and TH EXPLORATION, LLC (hereinafter "Assignee") pursuant to the terms of that certain Acreage Trade Agreement between the Assignor and the Assignee dated December 12, 2017 (the "Acreage Trade Agreement"). Capitalized terms used but not defined herein and defined in the Acreage Trade Agreement shall have the meanings given to such terms in the Acreage Trade Agreement.

ASSIGNMENT AND CONVEYANCE

STATE OF WEST VIRGINIA §
COUNTY OF WETZEL §

AMERICAN PETROLEUM PARTNERS
600 J BARRY COURT SUITE 310
CANDLERBURG PA 15317



2022/08/19

ASSIGNMENT OF OIL AND GAS LEASES

This ASSIGNMENT OF OIL AND GAS LEASES (hereinafter, "Assignment"), made the 7th day of October, 2021 (hereinafter, "Effective Date"), is by and between CNX GAS COMPANY LLC, a Virginia limited liability company, whose address is 1000 CONSOL Energy Drive, Suite 400, Cannonburg, Pennsylvania 15317 (hereinafter "Assignor") and TH EXPLORATION, LLC, a Texas limited liability company, whose address is 1320 S. University Drive, Suite 500, Fort Worth, Texas 76107 (hereinafter "Assignee"). All references in this Assignment to "Party" shall be deemed at all times to mean Assignor or Assignee and to "Parties" shall be deemed to mean both Assignor and Assignee. Capitalized terms used but not defined herein shall have the meaning given such terms in the Acreage Trade Agreement, by and between Assignor and Assignee dated May 26, 2021 (the "Trade Agreement").

WHEREAS, Assignor desires to assign all of Assignor's right, title and interest in and to the Assigned Rights (as defined below), as more particularly described in this Assignment.

NOW, THEREFORE, for and in consideration of TEN AND NO/100 DOLLARS (\$10.00) and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby GRANT, BARGAIN, ASSIGN, TRANSFER, AND CONVEY unto Assignee the following "Assigned Rights" expressly excluding the Retained Rights (as defined below):

(a) All of Assignor's right, title, and interest in and to the oil and gas leases described on Exhibit A attached hereto and made a part hereof located in Wezel County, West Virginia ("Leases") TO THE EXTENT AND ONLY TO THE EXTENT of the Utica/Point Pleasant Formation (as defined below) (the Leases limited to the Utica/Point Pleasant Formation are the "Leasehold Rights");

(b) all rights expressly granted under the Leases including rights related to, or necessary in connection with, the ownership, exploration, drilling, development, or operation of the Leasehold Rights, including, without limitation, any pooling or unitization, any ability to shut-in a well(s), and the non-exclusive access rights to conduct seismic, geophysical, and other investigations, install pipelines, roadways, surface locations, water and/or power lines, impoundments, structures, tanks, gas gathering and/or metering facilities, and all other related facilities; and

(c) to the extent the formations shallower than the Utica/Point Pleasant Formation are owned or controlled by Assignor, the non-exclusive right to penetrate and drill through, but not stimulate, perforate or produce, the formations shallower than the Utica/Point Pleasant Formation in order to drill and produce from the Utica/Point Pleasant Formation.

TO HAVE AND TO HOLD the Assigned Rights unto Assignee, its respective successors and assigns, subject to the terms of this Assignment.

"Retained Rights" means: (i) any and all existing oil and/or gas wells currently in, on, or pertaining to the Leases ("Retained Wells"); (ii) all depths and formations for each Lease described on Exhibit A other than the Utica/Point Pleasant Formation ("Retained Formations"); (iii) all rights relating to, or necessary in connection with, the ownership, exploration, drilling, development, or operation of the Retained Wells and Retained Formations, including, without limitation, any pooling or unitization, any ability to shut-in any Retained Wells, and the non-exclusive access rights to conduct seismic, geophysical, and other investigations, install pipelines, roadways, surface locations, water and/or power lines,

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Office of Oil and Gas
AUG 16 2022
U.S. Department of
Environmental Protection

10/21/2022

MEMORANDUM OF SURFACE USE AGREEMENT

This Memorandum of Surface Use Agreement ("Memorandum") made this 26 day of May 2021 by and between Charles Lee & Betty Jean Huggins, husband and wife, whose address is 5352 Palmer Ridge Road, Proctor, WV 26055, (hereinafter collectively called "Surface Owner"), and TH EXPLORATION, LLC, a Texas limited liability company, with an address of 1320 S. University Drive, Suite 500, Fort Worth, TX 76107, (hereinafter called "Company").

WITNESSETH

For and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, Surface Owner did make and execute in favor of Company a Surface Use Agreement (the "Agreement") dated May 25, 2021 and made effective May 25, 2021 which provides for a five (5) year term ("Agreement Term") covering Surface Owner's interest in the following described lands (the "Lands"):

The Lands are located, all or part, in Proctor District, Wetzel County, State of West Virginia, and including lands identified as: 12-8-16, and described for the purposes of this Memorandum as containing 39.19 acres, and Lands located, all or part, in Proctor District, Wetzel County, State of West Virginia, and including all contiguous or appurtenant lands owned by Surface Owner, as described in that certain deed dated July 1, 1987 and recorded in the office of the County Clerk of the aforesaid County in Deed Book, 322-120.

The Company desires to use the portion of Land labeled as "Limit of Disturbance - Pad" and "Limit of Disturbance - Access Road" on the attached Exhibit A for the construction and installation of access roads, drilling pads, tanks, fences, pits and any other facilities or equipment necessary or convenient for the drilling, completion, production, operation, and maintenance of the Company's operations on or off the Land as well as to lay, maintain, excavate, construct, survey, re-construct, operate, tie into, inspect, enlarge, repair, replace, alter, clear trees and other obstructions, and remove, one or more above and/or below ground pipelines, whether permanent or temporary, with fittings and appliances, for the transportation of potable and non-potable fresh water, produced water, completion backflow water, oil, gas and other liquid or gaseous products/substances to and from wells drilled, or to be drilled, on or off the Lands and the Surface Owner is agreeable to the same on the terms and conditions set out in the Agreement.

The Agreement also grants unto Company, Surface Owner's consent to and an easement for the drilling, production, and operation of shallow and deep horizontal or vertical oil and gas wells at any legal location(s) upon the surface of the Lands pursuant to W. Va. Code §§ 22-6A and 22C-9-7(b)(4) and applicable regulations.

The Agreement, with all of its terms, covenants and other provisions, is referred to and incorporated into this Memorandum for all purposes. This Memorandum is placed of record for the purpose of giving notice of the Agreement. Nothing contained in this Memorandum will alter or amend any of the terms and provisions of the Agreement. In the event of any conflict between this Memorandum and the Agreement, the terms and conditions of the Agreement shall control.

IN WITNESS WHEREOF this Memorandum of Surface Use Agreement is executed as of the date first above written.

Surface Owner: Charles Lee Huggins
Charles Lee Huggins
Betty Jean Huggins
Betty Jean Huggins

Company: TH EXPLORATION, LLC

By: Benjamin J. Irwin
Name: Benjamin J. Irwin
Title: Attorney-in-Fact

TH EXPLORATION, LLC
APR 28 2022

ACKNOWLEDGEMENT

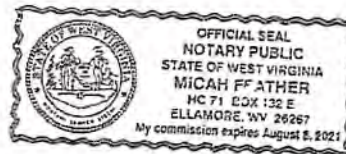
STATE OF WEST VIRGINIA)
) SS:
COUNTY OF WETZEL)

On this the 25 day of May, 2021, before me, a notary public, the undersigned authority, personally appeared Charles Lee Huggins, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires August 8, 2021 Signature: [Signature]
Notary Public

Name/Notary Public (print): Mich Feather



ACKNOWLEDGEMENT

STATE OF WEST VIRGINIA)
) SS:
COUNTY OF WETZEL)

On this the 25 day of May, 2021, before me, a notary public, the undersigned authority, personally appeared Betty Jean Huggins, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires August 8, 2021 Signature: [Signature]
Notary Public

Name/Notary Public (print): Mich Feather



ACKNOWLEDGEMENT

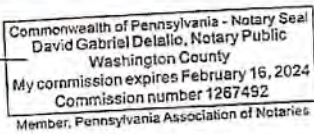
COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF WASHINGTON)

On this, the 25 day of May, 2021, before me a notary public, the undersigned authority, personally appeared Benjamin J. Irwin, who acknowledged himself to be the Attorney-In-Fact of TH EXPLORATION, LLC, a Texas limited liability company, and that he as such Attorney-In-Fact being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the limited liability company by himself as Attorney-In-Fact.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: 2/16/24 Signature: [Signature]
Notary Public

Name/Notary Public (print): David G. Delalio



Prepared by and please return to:
TH Exploration, LLC
1320 S. University Drive, Suite 500
Fort Worth, TX 76107

APR 28 2022

Department of Environmental Protection

10/21/2022



Limit of Disturbance - Access Road
 Limit of Disturbance - Pad

0 80 160 320
 Feet
 N
NOTE: THE APPROXIMATE LOCATION OF THE PROPERTY IS SHOWN BY THE LOCATION OF THE PROPERTY ON THE TUG HILL SURVEY. THE PROPERTY IS NOT TO BE CONSIDERED AS A GUARANTEE OF THE LOCATION OF THE PROPERTY. THE APPROXIMATE LOCATION OF THE PROPERTY IS SHOWN BY THE LOCATION OF THE PROPERTY ON THE TUG HILL SURVEY. THE PROPERTY IS NOT TO BE CONSIDERED AS A GUARANTEE OF THE LOCATION OF THE PROPERTY.

Exhibit "A"
 CHARLES & BETTY HUGGINS
 Wetzel County, WV

Date: 6-25-21
 Name: CLH
 Name: Betty Ann Huggins



Date: 4/14/2021
 PCS: NAD 1983 UTM Zone 17N Feet US

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 Office of Oil and Gas
 APR 28 2022
 WV Department of Environmental Protection

Wetzel County
 Carol S. Harpelle, Clerk
 Instrument 308767
 06/11/2021 @ 03:59:54 PM
 REC'D
 Book 138 @ Page 174
 Fees Recorded 3
 Recording Cost \$ 11.00

10/21/2022

THWVA MORGAN
WVS LAND SERVICES
1000 TOWN CENTER BLVD
STE 145
CANDLERBURG PA 15317-3841

MEMORANDUM OF SURFACE USE AGREEMENT

This Memorandum of Surface Use Agreement ("Memorandum") made this 14 day of Mar 2021 by and between Elnora Tuttle, by her Power-of-Attorney whose address is 6768 Proctor Creek Road, Proctor, WV 26055, (hereinafter collectively called "Surface Owner"), and TH EXPLORATION, LLC, a Texas limited liability company, with an address of 1320 S. University Drive, Suite 500, Fort Worth, TX 76107, (hereinafter called "Company").

WITNESSETH

For and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, Surface Owner did make and execute in favor of Company a Surface Use Agreement (the "Agreement") dated Mar 14, 2021 and made effective Mar 14, 2021 which provides for a ten (10) year term ("Agreement Term") covering Surface Owner's interest in the following described lands (the "Lands"):

The Lands are located, all or part, in Proctor District, Wetzel County, State of West Virginia, and including lands identified as: 12-8-15, and described for the purposes of this Memorandum as containing 39.2 acres, and Lands located, all or part, in Proctor District, Wetzel County, State of West Virginia, and including all contiguous or appurtenant lands owned by Surface Owner, as described in that certain deed dated July 25, 1985 and recorded in the office of the County Clerk of the aforesaid County in Deed Book, 315-62.

The Company desires to use the portion of Land labeled as "Limit of Disturbance - Pad" and "Limit of Disturbance - Access Road" on the attached Exhibit A for the construction and installation of access roads, drilling pads, tanks, fences, pits and any other facilities or equipment necessary or convenient for the drilling, completion, production, operation, and maintenance of the Company's operations on or off the Land as well as to lay, maintain, excavate, construct, survey, re-construct, operate, tie into, inspect, enlarge, repair, replace, alter, clear trees and other obstructions, and remove, one or more above and/or below ground pipelines, whether permanent or temporary, with fittings and appliances, for the transportation of potable and non-potable fresh water, produced water, completion backflow water, oil, gas and other liquid or gaseous products/substances to and from wells drilled, or to be drilled, on or off the Lands and the Surface Owner is agreeable to the same on the terms and conditions set out in the Agreement.

The Agreement also grants unto Company, Surface Owner's consent to and an easement for the drilling, production, and operation of shallow and deep horizontal or vertical oil and gas wells at any legal location(s) upon the surface of the Lands pursuant to W. Va. Code §§ 22-6A and 22C-9-7(b)(4) and applicable regulations.

The Agreement, with all of its terms, covenants and other provisions, is referred to and incorporated into this Memorandum for all purposes. This Memorandum is placed of record for the purpose of giving notice of the Agreement. Nothing contained in this Memorandum will alter or amend any of the terms and provisions of the Agreement. In the event of any conflict between this Memorandum and the Agreement, the terms and conditions of the Agreement shall control.

IN WITNESS WHEREOF this Memorandum of Surface Use Agreement is executed as of the date first above written.

Surface Owner: Sandra Murriner
Sandra Murriner
Power-of-Attorney

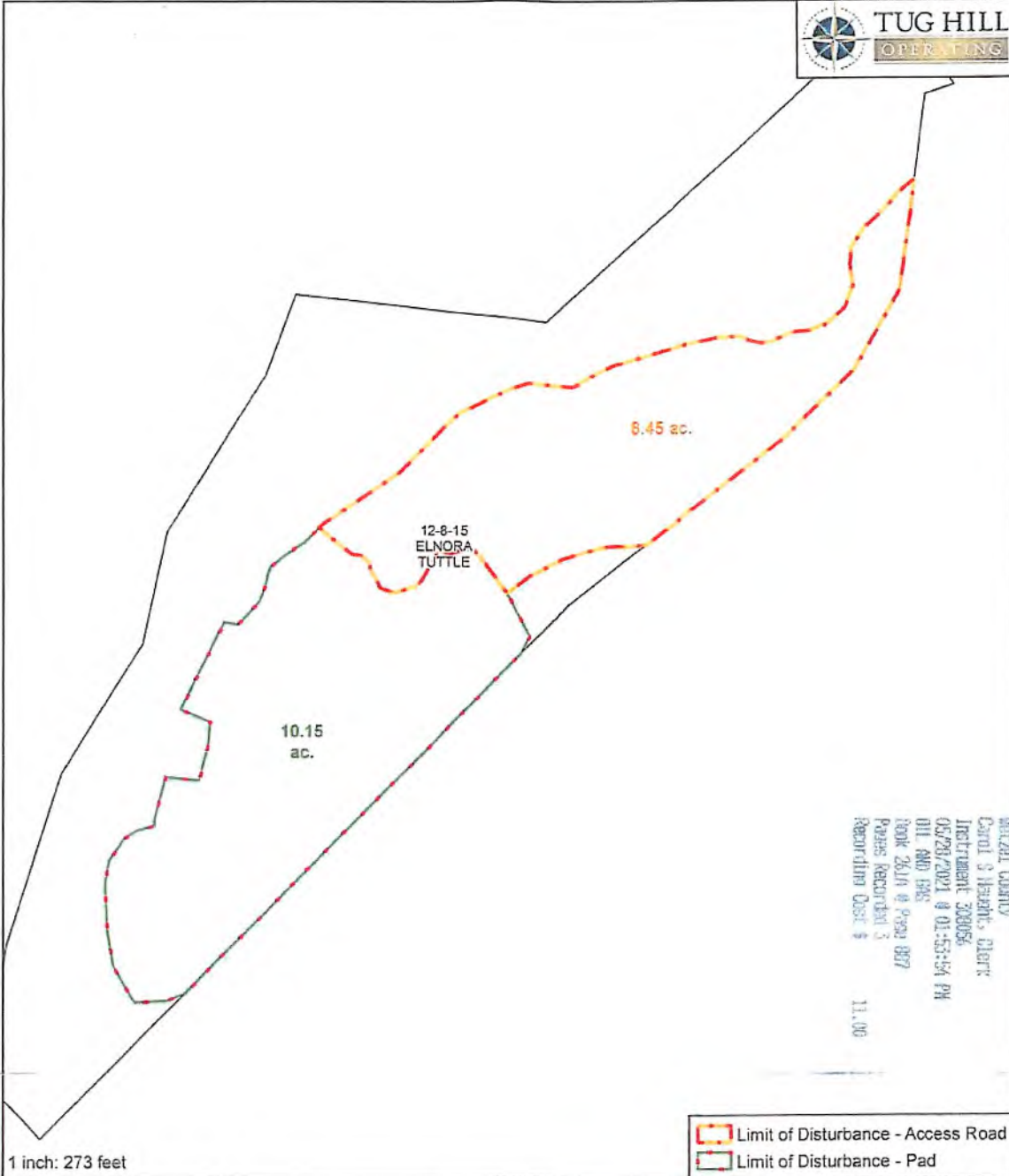
Company: TH EXPLORATION, LLC

By: Benjamin J. Irwin
Name: Benjamin J. Irwin
Title: Attorney-in-Fact

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APR 28 2021

APR 28 2021

THWVA MORGAN
WVS LAND SERVICES



Wetzel County
Carol S. Heavitt, Clerk
Instrument 338056
05/29/2021 @ 01:53:54 PM
Oil AND GAS
Book 261A @ 0909 087
Pages Recorded 3
Recording Cost \$ 11.00

Limit of Disturbance - Access Road
 Limit of Disturbance - Pad

1 inch: 273 feet

0 80 160 320
Feet

N

NOTE: THE PURPOSE OF THIS LOCATION FOR THE SURFACE SITE, ACCESS ROAD, RIGHT OF WAY AND THE LOCATION OF THE PROPERTY IS TO BE USED FOR THE SURFACE OPERATIONS. ANY OTHER INSTRUMENTAL RECORDS THAT MAY BE FILED IN THE PUBLIC RECORDS OF THE COUNTY AND STATE SHALL BE RECORDED AND SUBMITTED TO THE RECORDS IN THE COUNTY RECORDS AND THE SURFACE SITE. LOCATION FOR THE SURFACE SITE, ACCESS ROAD AND RIGHT OF WAY SHALL BE TO BE USED FOR THE SURFACE OPERATIONS.

Exhibit "A"
ELNORA TUTTLE
Wetzel County, WV

Date: _____
Name: Sarah D. [Signature]
Name: _____



Date: 4/14/2021
PCS: NAD 1983 UTM Zone 17N Feet US

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Office of Oil and Gas
APR 28 2022
WV Department of
Environmental Protection

10/21/2022



SWN Production Company, LLC
P O Box 12359
Spring, Texas 77391-2359
www.swn.com

July 6, 2022

SENT VIA EMAIL

Oil and Gas Conservation Commission
Attn: Ms. Susan Rose
601 57th Street SE
Charleston, WV 25304

Re: Objection to Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-14HU
Tug Hill Operating, LLC – Elmer N-15HU
Tug Hill Operating, LLC – Elmer N-16HU
Tug Hill Operating, LLC – Elmer N-17HU

Dear Ms. Rose:

SWN Production Company, LLC (“SWN”) hereby withdraws the May 11, 2022 objections to the above referenced applications filed on behalf of Tug Hill Operating, LLC.

If you have any questions or concerns, please contact the undersigned at (832) 796-6162 or via email at brandi_williams@swn.com.

Respectfully Submitted:
SWN Production Company, LLC

Brandi Williams

Brandi Williams, CPL
Staff Landman



May 11, 2022

SENT VIA EMAIL

Oil and Gas Conservation Commission
Attn: Ms. Susan Rose
601 57th Street SE
Charleston, WV 25304

Re: Objection to Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-14HU
Tug Hill Operating, LLC – Elmer N-15HU
Tug Hill Operating, LLC – Elmer N-16HU
Tug Hill Operating, LLC – Elmer N-17HU

Dear Ms. Rose:

SWN Production Company, LLC (“SWN”) hereby objects to the reference applications filed on behalf of Tug Hill Operating, LLC and requests the Commission to schedule a hearing regarding the same. SWN respectfully requests a full and complete copy of the referenced application(s).

If you have any questions or concerns, please contact the undersigned at (832) 796-6162 or via email at brandi_williams@swn.com.

Respectfully Submitted:
SWN Production Company, LLC



Brandi Williams, CPL
Staff Landman



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Equinor USA Onshore Properties, Inc.
6300 Bridge Point Pkwy Bldg 2 Ste 100
Austin TX 78730

9489 0090 0027 6402 6048 73

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commission's granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose". The signature is written in a cursive, flowing style.

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number: **9489 0090 0027 6402 6048 73**.

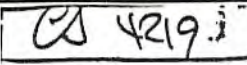

Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 18, 2022, 9:29 am
Location:	HOUSTON, TX 77042
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	8lb, 14.0oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

TH Exploration, LLC
1320 S. University Dr Ste 500
Ft Worth TX 76107

4489 0090 0027 6402 6048 59

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".
Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6048 59.

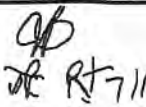
Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	May 6, 2022, 2:51 pm
Location:	FORT WORTH, TX 76107
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	8lb, 15.5oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	1320 S University 76107 F 580

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Columbia Gas Transmission LLC
1700 MacCorkle Ave SE
Charleston WV 25314

9489 0090 00276402 6049 27

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number: **9489 0090 0027 6402 6049 27**.

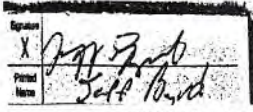

Item Details

Status:	Delivered, Individual Picked Up at Postal Facility
Status Date / Time:	May 6, 2022, 10:32 am
Location:	CHARLESTON, WV 25301
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	6lb, 12.6oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Conklin Center For The Multi-
Hanicapped Blind
405 White St
Daytona Beach FL 32114

9489 0090 0027 6402 6049 34

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6049 34.

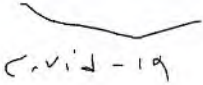
Item Details

Status:	Delivered to Agent for Final Delivery
Status Date / Time:	May 6, 2022, 2:48 pm
Location:	DAYTONA BEACH, FL 32114
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 0.5oz
----------------	------------

Recipient Signature

Signature of Recipient: (Authorized Agent)	
Address of Recipient:	405 white SD

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Jami Pazuchanics
116 Dinsmore St
Belle Vernon PA 15012-2602

9489 0090 0027 6402 6049 41

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6049 41.

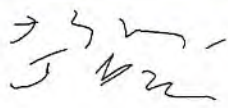
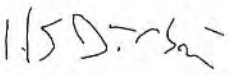
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 5, 2022, 2:35 pm
Location:	BELLE VERNON, PA 15012
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 0.2oz
----------------	------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

DWG Oil and Gas Acquisitions LLC
356 Nicholson Loop Rd
Morgantown WV 26508

9489 0090 0027 6402 6049 58

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6049 58.



Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 4, 2022, 12:25 pm
Location:	MORGANTOWN, WV 26508
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 1.0oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Herman Eugene Coffield
3502 Plaudit Place
Owensboro KY 42303

9489 0090 0027 6402 6049 65

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".
Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number: **9489 0090 0027 6402 6049 65.**

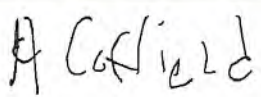
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 9, 2022, 12:04 pm
Location:	OWENSBORO, KY 42301
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 0.2oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	3502 PLAUDIT PL OWENSBORO, KY 42303-2436

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Humane Society Environmental Defense Fund
257 Park Ave S
New York NY 10010

9489 0090 0027 6402 6049 72

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6049 72.

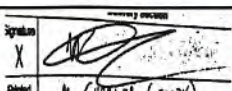
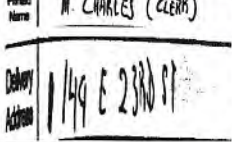
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 6, 2022, 10:28 am
Location:	NEW YORK, NY 10010
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.2oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Mary Jane Bartolo
2538 Tam O Shanter Dr NW
Cleveland TN 37312

9489 0090 0027 6402 6049 89

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6049 89.

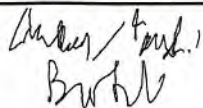
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 7, 2022, 1:43 pm
Location:	CLEVELAND, TN 37312
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 0.2oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	2538 Tanner Street

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Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Janice Bogess Westerman
911 Chestnut Rd
Charleston WV 25314

9489 0090 0027 6402 6049 96

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Linda L. Archer
874 Gary Barnard Rd
Cobbtown GA 30420

9489 0090 0027 6402 6050 09

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commission's granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6050 09.

Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 6, 2022, 10:29 am
Location:	COBBTOWN, GA 30420
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 0.6oz
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Recipient Signature

Signature of Recipient:	<i>L. Arc.</i> <i>L. ARC</i>
Address of Recipient:	<i>274 Gentry</i>

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Gary Archer
1563 Harold Sikes Rd
Claxton GA 30417

9489 0090 0027 6402 6050 16

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6050 16.

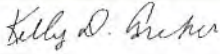
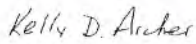
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 9, 2022, 10:16 am
Location:	CLAXTON, GA 30417
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 0.1oz
----------------	------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	 1863 HAROLD BIKES RD CLAXTON, GA 30417-5167

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Jodie Mullens aka Greta Jo Mullens
1849 Cottage Grove Rd
Tallahassee FL 32303

9489 0090 0027 6402 6050 23

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6050 23.


Item Details

Status:	Delivered to Agent for Final Delivery
Status Date / Time:	May 6, 2022, 3:02 pm
Location:	TALLAHASSEE, FL 32303
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 0.8oz
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Recipient Signature

Signature of Recipient: (Authorized Agent)	 A Morica
Address of Recipient:	1849 Cottage Craig Road

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

John J. Coffield
3889 County Rd Apt 26
Wadley AL 36276

9489 0090 0027 6362 2640 56

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2640 56.


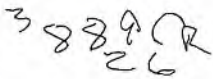
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 6, 2022, 11:54 am
Location:	WADLEY, AL 36276
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.4oz
----------------	-------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Josephine E. Reynolds
29 West Main St
Fordsville KY 42343

9489 0090 0027 6362 2640 63

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



September 27, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2640 63.



Item Details

Status:	Delivered to Agent for Final Delivery
Status Date / Time:	July 6, 2022, 8:58 am
Location:	FORDSVILLE, KY 42343
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 13.7oz
----------------	-------------

Recipient Signature

Signature of Recipient: (Authorized Agent)	
Address of Recipient:	 983 EASTON RD FORDSVILLE, KY 42343

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Joyce Ann Dougherty
Robert L. Dougherty
4277 Livorn Loop
Myrtle Beach SC 29579

9489 0090 0027 6362 2640 70

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2640 70.



Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 5, 2022, 1:45 pm
Location:	MYRTLE BEACH, SC 29579
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 2.6oz
----------------	------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Julie Garber
PO Box 326
60 Mansel Dr
Landing NJ 07850

9489 0090 0027 6362 2640 87

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2640 87.

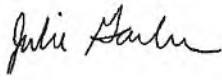
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 12, 2022, 4:07 pm
Location:	LANDING, NJ 07850
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight: 5lb, 1.3oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	60 MANSEL DR LANDING, NJ 07850-1624

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Karen Sue Gray
James Edward Gray Jr.
174 Idabelle Ave
Wheeling WV 26003

9489 0090 0027 6362 2640 94

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2640 94.

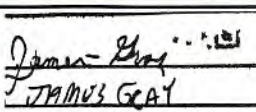
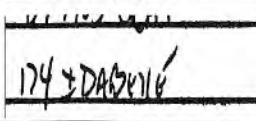
Item Details

Status: Delivered, Left with Individual
Status Date / Time: May 5, 2022, 10:25 am
Location: WHEELING, WV 26003
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
Return Receipt Electronic

Shipment Details

Weight: 4lb, 16.0oz

Recipient Signature

Signature of Recipient:	 JAMES GRAY
Address of Recipient:	 174 E DASHVILLE

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Kathi Davidson
4996 Sable Pine Cir Apt A1
West Palm Beach FL 33417

9489 0090 0027 6362 2641 00

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Kathryn McKinnon
17 Ironwood Rd
Morristown NJ 07960

9489 0090 0027 6362 2641 17

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commission's granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2641 17.

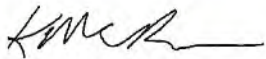
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 13, 2022, 11:52 am
Location:	MORRISTOWN, NJ 07960
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 14.4oz
----------------	-------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	17 IRONWOOD RI MORRISTOWN, NJ 07960-8313

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Lawrence P. Lemon
76 Thomas Lane
New Martinsville WV 26155

9489 0090 0027 6362 2641 24

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2641 24.

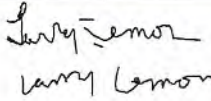
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 5, 2022, 12:10 pm
Location:	NEW MARTINSVILLE, WV 26155
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.8oz
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Recipient Signature

Signature of Recipient:	 Larry Lemon
Address of Recipient:	76 The van Loan

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Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Lee Ann Horn
767 4th Street
New Martinsville WV 26155

9489 0090 0027 6362 2641 31

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commission's granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2641 31.

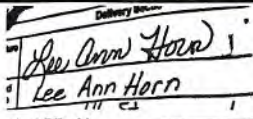

Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 7, 2022, 10:28 am
Location:	NEW MARTINSVILLE, WV 26155
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.2oz
----------------	-------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Sandy L. Behrems
2122 Union Hill
Triadelphia WV 26059

9489 0090 0027 6362 2641 48

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commission's granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".
Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2641 48.

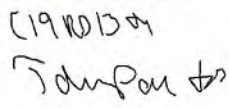
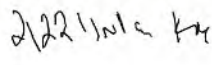
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 5, 2022, 11:24 am
Location:	TRIADELPHIA, WV 26059
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 14.9oz
----------------	-------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

David E. Hinerman
2546 National Rd Apt 309
Wheeling WV 26003

9489 0090 0027 6362 2641 55

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2641 55.


Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 5, 2022, 2:15 pm
Location:	WHEELING, WV 26003
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.8oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	Dale Hillman 2546 Nat Rd #309

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Memorial Cemetery Association
253 Duerr St
New Martinsville WV 26155

9489 0090 0027 6362 2641 62

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".
Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2641 62.

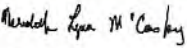
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 6, 2022, 2:35 pm
Location:	NEW MARTINSVILLE, WV 26155
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.8oz
----------------	-------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	Meredith Lynn M. Casper 253 DUERR ST NEW MARTINSVILLE, WV 26155-1434

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Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Nellie L. Hawkins
3607 Sunset Dr
Homestead PA 15120

9489 0090 0027 6362 2641 79

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022

Track Another Package +

Tracking Number: 9489009000276362264179

Remove X

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

USPS Tracking Plus[®] Available ✓

In Transit, Arriving Late

May 9, 2022

Feedback

Get Updates ✓

Text & Email Updates



Return Receipt Electronic



Tracking History



May 9, 2022

In Transit, Arriving Late

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

May 5, 2022, 8:14 pm

Departed USPS Regional Facility

PITTSBURGH PA DISTRIBUTION CENTER

10/21/2022

May 5, 2022, 9:37 am
Arrived at USPS Regional Destination Facility
PITTSBURGH PA DISTRIBUTION CENTER

May 3, 2022
Pre-Shipment Info Sent to USPS, USPS Awaiting Item

USPS Tracking Plus®



Product Information



See Less

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs

Feedback



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Richard M. Coffield
186 General Cleburn Dr
Richmond KY 40475

9489 0090 0027 6362 2641 86

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6362 2641 86.

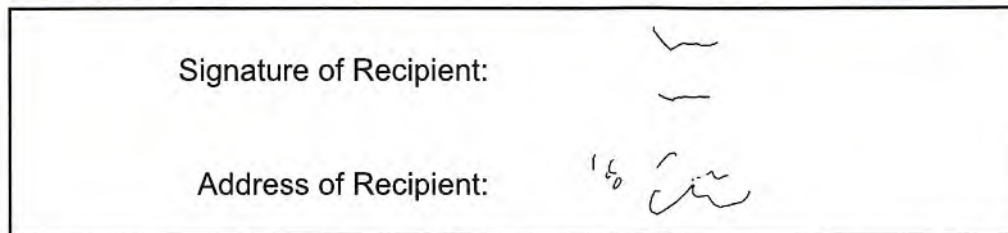
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 6, 2022, 1:29 pm
Location:	RICHMOND, KY 40475
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 16.0oz
----------------	-------------

Recipient Signature



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475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Robert John Weishaupt
2001 Cook Mill Rd
Dandridge TN 37725

9489 0090 0027 6402 6050 30

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6050 30.

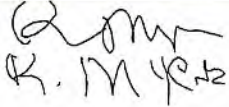
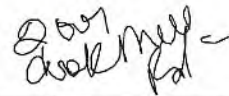
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 6, 2022, 3:01 pm
Location:	DANDRIDGE, TN 37725
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.7oz
----------------	-------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

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Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Robert T. Coffield
302 Richmond St
Lancaster KY 40444

9489 0090 0027 6402 6050 47

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".
Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6050 47.

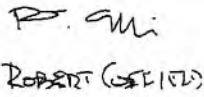
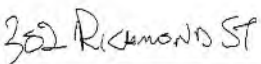
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 10, 2022, 11:05 am
Location:	LANCASTER, KY 40444
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.7oz
----------------	-------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Ronald Louis Hawkins
573 Whippoorwill Trl
West Palm Beach FL 33411

9489 0090 0027 6402 6050 54

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose". The signature is written in a cursive, flowing style.

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6050 54.

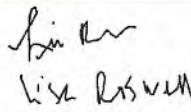
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 9, 2022, 4:32 pm
Location:	WEST PALM BEACH, FL 33411
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 14.3oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	WHIPPOORWILL TR WEST PALM BEACH, FL 33411-0220

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Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Rusty Hawkins aka Russ Lee Hawkins
1838 Windsor Dr
North Palm Beach FL 33408

9489 0090 0027 6402 6050 61

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022

Track Another Package +

Tracking Number: 9489009000276402605061

Remove X

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

USPS Tracking Plus[®] Available ✓

In Transit, Arriving Late

May 7, 2022

Get Updates ✓

Feedback

Text & Email Updates



Return Receipt Electronic



Tracking History



May 7, 2022

In Transit, Arriving Late

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

May 3, 2022, 8:43 pm

Arrived at USPS Regional Origin Facility

CHARLESTON WV PROCESSING CENTER

10/21/2022

May 3, 2022, 7:28 pm
Accepted at USPS Origin Facility
CHARLESTON, WV 25305

May 3, 2022
Pre-Shipment Info Sent to USPS, USPS Awaiting Item

USPS Tracking Plus®



Product Information



See Less

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs

Feedback

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Susan C. Clark
8104 Sprocket Lane
Charleston SC 29406

9489 0090 0027 6402 6050 78

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commission's granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6050 78.

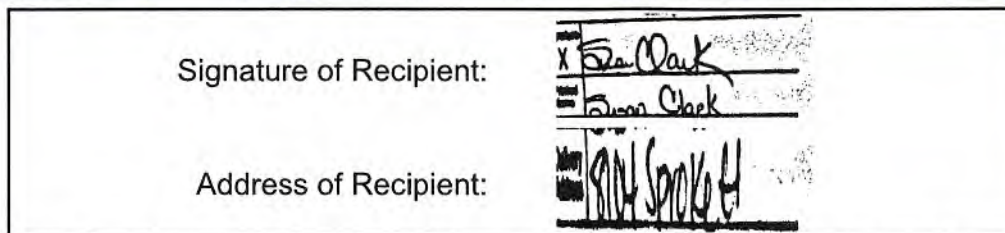
Item Details

Status:	Delivered
Status Date / Time:	May 9, 2022, 12:24 pm
Location:	CHARLESTON, SC 29406
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.8oz
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Recipient Signature



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Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Terry R. Corn
PO Box 6924
Lakeland FL 33807

9489 0090 0027 6402 6050 85

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6050 85.


Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 10, 2022, 9:01 am
Location:	LAKELAND, FL 33813
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.0oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	Terry Curr PO BOX 6924 LAKELAND, FL 33807-6924

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Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

First Church of Christ Scientist, Massachusetts
250 Massachusetts Ave
Boston MA 02115

9489 0090 0027 6402 6050 92

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads 'Susan Rose'.

Susan Rose
Administrator

encl:

10/21/2022

Track Another Package +

Tracking Number: 9489009000276402605092

Remove X

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

USPS Tracking Plus[®] Available ✓

In Transit, Arriving Late

May 12, 2022

Get Updates ✓

Feedback

Text & Email Updates ✓

Return Receipt Electronic ✓

Tracking History ^

May 12, 2022

In Transit, Arriving Late

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

May 8, 2022, 2:08 am

Departed USPS Regional Destination Facility

BOSTON MA DISTRIBUTION CENTER

10/21/2022

May 6, 2022, 11:54 am
Arrived at USPS Regional Destination Facility
BOSTON MA DISTRIBUTION CENTER

May 3, 2022, 8:35 pm
Arrived at USPS Regional Origin Facility
CHARLESTON WV PROCESSING CENTER

May 3, 2022, 7:20 pm
Accepted at USPS Origin Facility
CHARLESTON, WV 25305

May 3, 2022
Pre-Shipment Info Sent to USPS, USPS Awaiting Item

USPS Tracking Plus®



Feedback

Product Information



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Ramona Milton
1515 Victoria Woods
Hiawassee GA 30546

9489 0090 0027 6402 6051 08

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads 'Susan Rose'.

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6051 08.

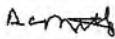
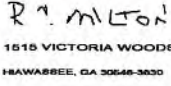
Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	May 7, 2022, 10:29 am
Location:	HIAWASSEE, GA 30546
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 15.7oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Harold Coffield Jr.
PO Box 293236
Phelan CA 92329

9489 0090 0027 6402 6051 15

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022

Track Another Package +

Tracking Number: 9489009000276402605115

Remove X

Your package is moving within the USPS network and is on track to be delivered to its final destination. It is currently in transit to the next facility.

USPS Tracking Plus[®] Available ✓

In Transit to Next Facility

May 19, 2022

Get Updates ✓

Feedback

Text & Email Updates



Return Receipt Electronic



Tracking History



May 19, 2022

In Transit to Next Facility

Your package is moving within the USPS network and is on track to be delivered to its final destination. It is currently in transit to the next facility.

May 15, 2022, 4:11 pm

Departed USPS Regional Facility

BAKERSFIELD CA DISTRIBUTION CENTER

10/21/2022

May 15, 2022, 12:05 pm
Arrived at USPS Regional Facility
BAKERSFIELD CA DISTRIBUTION CENTER

May 10, 2022, 4:31 am
Arrived at USPS Facility
PASADENA, CA 91109

May 9, 2022, 9:02 am
Forwarded
PHELAN, CA

May 9, 2022, 8:52 am
Available for Pickup
PHELAN, CA 92329

May 3, 2022, 11:34 pm
Departed USPS Regional Origin Facility
CHARLESTON WV PROCESSING CENTER

May 3, 2022, 8:35 pm
Arrived at USPS Regional Origin Facility
CHARLESTON WV PROCESSING CENTER

May 3, 2022, 7:20 pm
Accepted at USPS Origin Facility
CHARLESTON, WV 25305

May 3, 2022
Pre-Shipment Info Sent to USPS, USPS Awaiting Item

Feedback

USPS Tracking Plus®



Product Information



See Less

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Roxanna Miller
94 Country Lane
Sedona AZ 86336

9489 0090 0027 6402 6051 22

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose". The signature is written in a cursive, flowing style.

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6051 22.

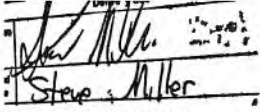
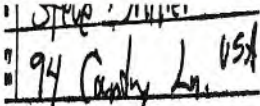
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 6, 2022, 2:33 pm
Location:	SEDONA, AZ 86336
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	5lb, 0.1oz
----------------	------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

James J. Coffield
6835 Oak Lane
Placerville CA 95667

9489 0090 0027 6402 6051 39

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commission's granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

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Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6051 39.

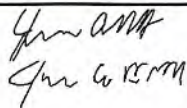

Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	May 7, 2022, 3:47 pm
Location:	PLACERVILLE, CA 95667
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4lb, 13.8oz
----------------	-------------

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Rebecca Haugen
39627 Bouquet Canyon Rd
Leona Valley CA 93351

9489 0090 0027 6402 6051 46

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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Sincerely,

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Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6051 46.

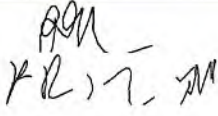

Item Details

Status: Delivered, Left with Individual
Status Date / Time: May 7, 2022, 11:40 am
Location: PALMDALE, CA 93551
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
Return Receipt Electronic

Shipment Details

Weight: 4lb, 15.7oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Theodore Hawkins
4546 Winkler Ave Unit 104
Fort Myers FL 33966

9489 0090 0027 6402 6051 53

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in cursive script that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022

Track Another Package +

Tracking Number: 9489009000276402605153

Remove X

Your item could not be delivered on May 25, 2022 at 9:57 am in FORT MYERS, FL 33907. It was held for the required number of days and is being returned to the sender.

USPS Tracking Plus[®] Available ✓

Unclaimed/Being Returned to Sender

May 25, 2022 at 9:57 am
FORT MYERS, FL 33907

Feedback

Get Updates ✓

Text & Email Updates ✓

Return Receipt Electronic ✓

Tracking History ^

May 25, 2022, 9:57 am

Unclaimed/Being Returned to Sender

FORT MYERS, FL 33907

Your item could not be delivered on May 25, 2022 at 9:57 am in FORT MYERS, FL 33907. It was held for the required number of days and is being returned to the sender.

Reminder to Schedule Redelivery of your item

10/21/2022

May 10, 2022, 2:16 pm
Notice Left (No Authorized Recipient Available)
FORT MYERS, FL 33966

May 9, 2022
In Transit to Next Facility

May 7, 2022, 10:32 pm
Departed USPS Regional Destination Facility
FORT MYERS FL DISTRIBUTION CENTER

May 7, 2022, 1:01 pm
Arrived at USPS Regional Destination Facility
FORT MYERS FL DISTRIBUTION CENTER

May 3, 2022
Pre-Shipment Info Sent to USPS, USPS Awaiting Item

Feedback

USPS Tracking Plus®



Product Information



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

Thomas Roos Potts
Susan Potts
911 Chestnut Rd
Charleston WV 25314

9489 0090 0027 6402 6051 60

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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If you have any questions please call me at (304) 414-1239.

Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

May 2, 2022

SWN Production Company, LLC
10000 Energy Dr
Spring TX 77389

9489 0090 0027 6402 6048 66

RE: Intentional Deviation of New Deep Well
Tug Hill Operating, LLC – Elmer N-17HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

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Sincerely,

A handwritten signature in black ink that reads "Susan Rose".

Susan Rose
Administrator

encl:

10/21/2022



May 19, 2022

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number:
9489 0090 0027 6402 6048 66.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	May 4, 2022, 11:19 am
Location:	MORGANTOWN, WV 26508
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	8lb, 15.6oz
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Recipient Signature

Signature of Recipient:	<i>Tammy Shub</i> <i>Tammy</i>
Address of Recipient:	<i>1300 Fmt</i> <i>Pierpont # 201</i>

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

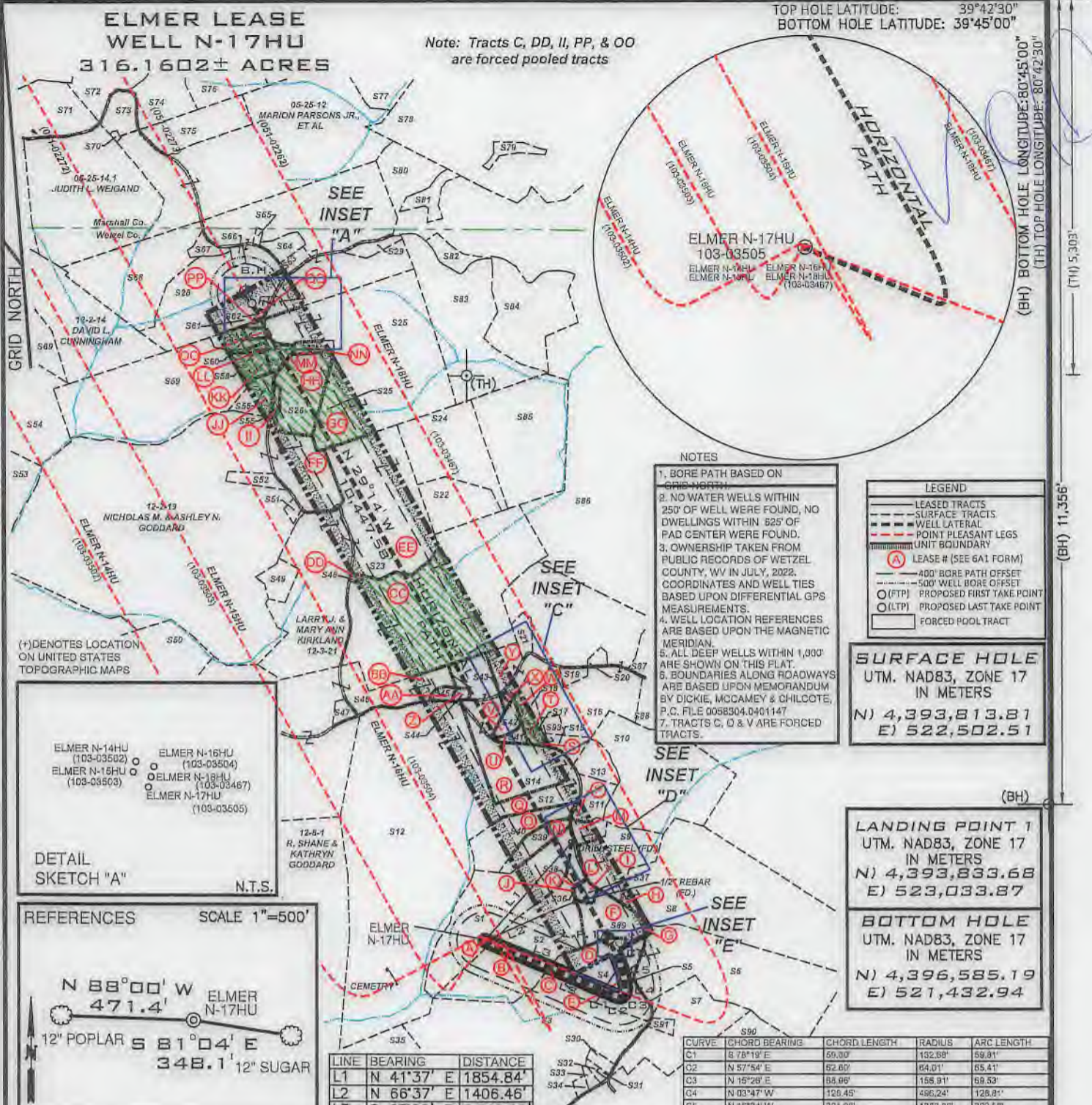
Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

10/21/2022

ELMER LEASE WELL N-17HU 316.1602± ACRES

Note: Tracts C, DD, II, PP, & OO are forced pooled tracts

TOP HOLE LATITUDE: 39°42'30"
BOTTOM HOLE LATITUDE: 39°45'00"



- NOTES**
1. BORE PATH BASED ON GRID NORTH
 2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 825' OF PAD CENTER WERE FOUND.
 3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF WETZEL COUNTY, WV IN JULY, 2022. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 4. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
 5. ALL DEEP WELLS WITHIN 1,000' ARE SHOWN ON THIS PLAT.
 6. BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0058304.0401147
 7. TRACTS C, D & V ARE FORCED PTRACTS.

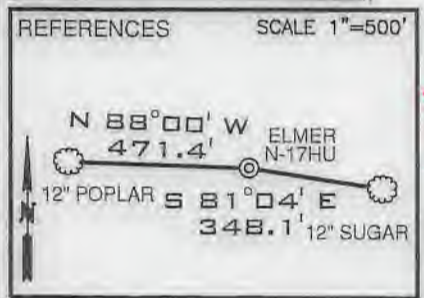
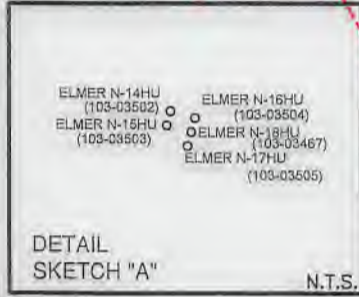
LEGEND

- LEASED TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- (O) (FTP) PROPOSED FIRST TAKE POINT
- (O) (LTP) PROPOSED LAST TAKE POINT
- FORCED POOL TRACT

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,393,813.81
E) 522,502.51

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,393,833.68
E) 523,033.87

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,396,585.19
E) 521,432.94



CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 78°19' E	50.30'	132.68'	59.91'
C2	N 57°54' E	52.60'	64.01'	65.41'
C3	N 15°28' E	58.96'	155.91'	69.53'
C4	N 03°47' W	126.45'	486.24'	128.81'
C5	N 18°34' W	301.98'	1183.86'	302.58'
C6	N 25°44' W	340.01'	2812.08'	340.25'

FILE NUMBER _____

DRAWING NUMBER ELMER_N-17HU_REV1

SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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 THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

David L Jackson



JACKSON SURVEYING INC.
P.O. Box 1460
Clarksburg, WV 26302
304-623-5851

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET, SE
CHARLESTON, WV 25304

DATE: JULY 26, 2022

OPERATORS WELL NO. ELMER N-17HU

API WELL NO. 47-103-03505

STATE WV COUNTY WETZEL PERMIT _____

LOCATION ELEVATION 1276.50' WATERSHED (HUC 10) PROCTOR CREEK OF FRENCH CREEK - OHIO RIVER (HUC-10)

DISTRICT PROCTOR COUNTY WETZEL

QUADRANGLE WILEYVILLE 7.5' LEASE NUMBER SEE WW-6A1 FORM

SURFACE OWNER ELNORA TUTTLE HRS. ACREAGE 39.19

OIL & GAS ROYALTY OWNER ELNORA TUTTLE HRS. - SEE WW-6A1 LEASE ACREAGE 39.19

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,966' TMD: 23,000'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DARREN BROWN, CT CORP

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107 ADDRESS 5098 WASHINGTON STREET WEST, SUITE 407 CHARLESTON, WV 25313-1561

10/21/2022

CONTRACT NAME PERMIT

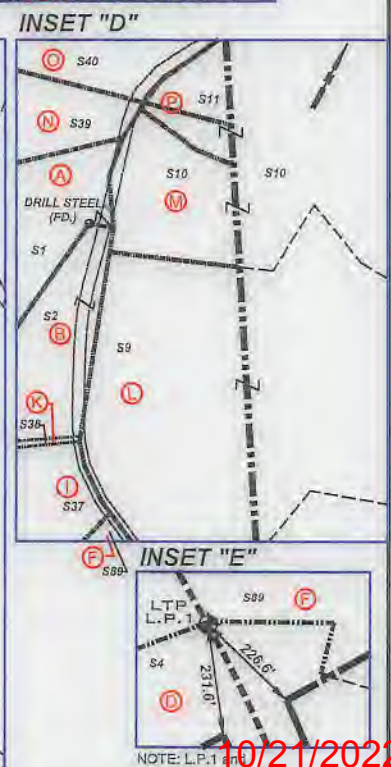
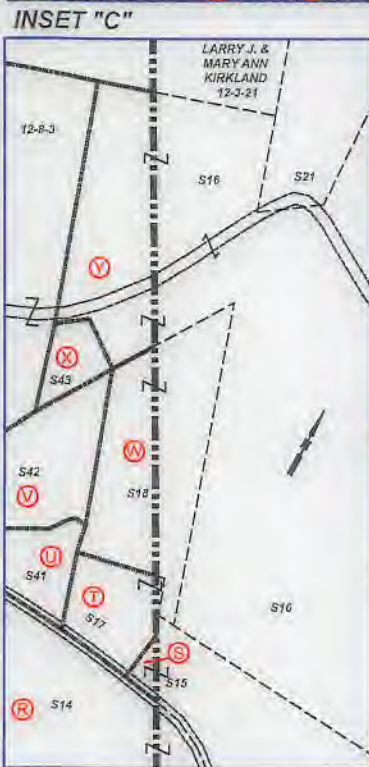
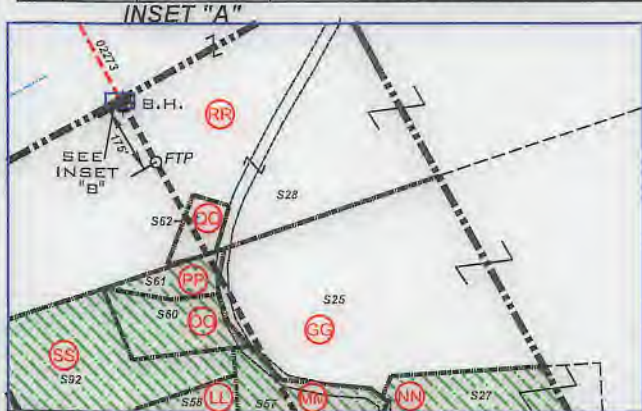
form wwg

**ELMER LEASE
WELL N-17HU
316.1602± ACRES**

* FORCED POOLED TRACTS ARE HIGHLIGHTED

Tags	Number	Tax Map - Parcel	Surface Owner	Acres
A	S1	12-8-15	ELNORA TUTTLE HRS.	39.19
B	S2	12-8-16	CHARLES & BETTY HUGGINS	39.13
C	S3	12-8-20	NANCY D. TRUAX	95.35
D	S4	12-8-21.1	LINDA M. STOUT	15.26
E	S5	12-8-22.1	BARRY C. KIRKLAND	7.401
G	S6	12-8-23	JACOB WOODROW & MARY JOSEPHINE NICE	59
	S7	12-8-32	DAVID TODD & CINDY L. BATES & CHARLES M. THOMAS	27.287
H	S8	12-8-17	JACOB WOODROW & MARY JOSEPHINE NICE	85.69
L	S9	12-8-4	JACOB WOODROW & MARY JOSEPHINE NICE	20.893
M	S10	12-8-4.5	JACOB WOODROW & MARY JOSEPHINE NICE	51.107
P	S11	12-8-4.1	JACOB WOODROW & MARY JOSEPHINE NICE	6.171
Q	S12	12-8-2	R. SHANE & KATHRYN GODDARD	178
	S13	12-8-4.3	BRADY G. & SHARON L. HOWELL	9.59
R	S14	12-8-3	R. SHANE & KATHRYN GODDARD	31.13
S	S15	12-3-31	DOUGLAS & SUZANNE ESTEP	3.25
Y	S16	12-3-30.4	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & SUZANNE ESTEP (RAYMOND ESTEP - L/E)	81.82
T	S17	12-3-19.1	WILLIAM NICE	1.31
W	S18	12-3-30	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & SUZANNE ESTEP (RAYMOND ESTEP - L/E)	4.69
	S19	12-3-30.2	APRIL ROSE & DONALD ALLEN POSTLETHWAIT	1.67
	S20	12-3-30	MARY ROSE YOHO - L/E; APRIL ROSE POSTLETHWAIT	0.48
	S21	12-3-29	FRIEND V. ESTEP (RAYMOND F. ESTEP - L/E)	2.9
	S22	12-3-14.1	MATTHEW D. HALL	13
EE	S23	12-3-13	LARRY J. & MARY ANN KIRKLAND	95
	S24	12-3-14	ROBERT W. BAXTER, FREDERICK J. BAXTER & ANN C. UNGER	27
GG	S25	12-8-4	MARY HOHMAN ET AL	85
HH	S26	12-8-1.1	DIANA & ROBERT L. SMITH	15.78
NN	S27	12-3-0.2	ROBERT LEE & DIANA G. SMITH	2.48
RR	S28	5-25-11.2	JAMES W. KLUG	110.491
	S29	12-3-4.2	J. M. KLUG	2.617
	S30	12-8-20.1	PAUL J. BLAKE	1.5
	S31	12-8-20.3	PAUL J. BLAKE	0.25
	S32	12-8-20.9	JOSHUA M. & COURTNEY R. NEFF	0.4
	S33	12-8-20.8	JOSHUA M. & COURTNEY R. NEFF	0.99
	S34	12-8-20.6	JOHN G. & DEBRA D. THROCKMORTON	1.046
	S35	12-8-20.5	JOE B. MILLER & GERALD & SUE YEATER	44.85
I	S36	12-8-4.4	CHARLES & BETTY HUGGINS	0.69
J	S37	12-8-4.2	BRENT A. & KIMBERLY J. EDDY	1.861
K	S38	12-8-16.1	BRENT A. & KIMBERLY J. EDDY	0.06
N	S39	12-8-14	EDWARD C. & SANDRA K. MURRINER	5.33
O	S40	12-8-13	EDWARD C. & SANDRA K. MURRINER	15
U	S41	12-3-32.1	TIMOTHY L. & LEA ANN SUMMERS	1.78
V	S42	12-3-32	TIMOTHY L. SUMMERS	2.32
X	S43	12-3-30.3	TIMOTHY L. SUMMERS	0.61
Z	S44	12-3-45	ANTIOCH CHURCH	0.774
AA	S45	12-3-28	ANTIOCH CHURCH	1
BB	S46	12-8-1.1	R. SHANE & KATHRYN GODDARD	92.69
	S47	12-8-1.2	JOSH GODDARD	1.81
DD	S48	12-3-21.1	LARRY J. & MARY ANN KIRKLAND	0.47
	S49	12-3-13.1	ZACHARY J. KIRKLAND	5
	S50	12-2-22.1	DAVID A. NICE	54.66
	S51	12-3-48	RONALD W. & JULIANA NICE	1
	S52	12-3-12	RODNEY DEAN JACKSON	3.625
	S53	12-2-12	BERYL E. MASON	59.9
	S54	12-2-13	JAY S. BOOTH; DANIEL T. BOOTH & DIANE BETH OVERDORFF	100
II	S55	12-4-3	ANITA LARELL SLOUGH	1.12
JJ	S56	12-3-4.2	DEREK L. BAKER	5.21
MM	S57	12-3-4.4	JOSEPH P. & BARBARA A. CAIN	3.619
LL	S58	12-3-4.2	ERIN HUBBS	0.621
KK	S59	12-3-4.7	JOSEPH P. & BARBARA A. CAIN	87.3
OO	S60	12-3-4.6	STEVEN P. WAYMAN	1.009
PP	S61	12-3-4.1	HAZEL M. BLAIR	0.451
QQ	S62	12-3-1	JAMES W. KLUG	0.375
	S63	12-3-4.3	ADAM W. FERRELL & BRITTANY M. LOY	1.37
	S64	12-3-49	LOGAN & AMY TAYLOR	3.814

Tags	Number	Tax Map - Parcel	Surface Owner	Acres
	S65	12-3-47	WETZEL CO. EMERGENCY AMBULANCE	0.5
	S66	12-3-44	JAMES A. & JO C. ESTEP	1.1
	S67	05-25-11.1	EDWARD W. & DIANNA KLUG	2.343
	S68	05-25-11.4	EDWARD W. KLUG, ET UX	32.787
	S69	12-2-14.2	JOHN G. JR. & GERALDINE W. ROGERS	22.007
	S70	05-25-13.4	PARSONS CEMETERY	0.382
	S71	05-25-14	ROY F. YOHO	23
	S72	05-25-1	MICHAEL L. MASON	35.43
	S73	05-25-13.2	DAVID A. KLUG	5.89
	S74	05-25-13	WILLIAM M. FERDA, JR. & STEPHANIE L. PAUCKA	16.014
	S75	05-25-12.1	KENT & BETTY MASON	15
	S76	05-25-1.5	RYAN J. BRATTON	21.35
	S77	05-25-2	JAMES W. KLUG	122.3
	S78	05-25-3	S.D. FERTITTA, ET UX	181.548
	S79	05-25-3.1	S.D. FERTITTA, ET UX	3.022
	S80	05-25-10	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	18.75
	S81	05-25-10.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	5.25
	S82	12-3-41	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	4.102
	S83	12-3-41.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	74.138
	S84	12-3-4.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	10.5
	S85	12-3-15	ROBERT W. BAXTER, FREDERICK J. BAXTER & ANN C. UNGER	38
	S86	12-3-22	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & JOAN ESTEP (RAYMOND ESTEP - L/E)	22.5
	S87	12-3-30.1	JOAN & MICHAEL J. ESTEP	1.75
	S88	12-3-33	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & JOAN ESTEP (RAYMOND ESTEP - L/E)	58.32
F	S89	12-8-21	EDUARDO C. & SONYA R. DEGUZMAN	11.51
	S90	12-8-32.8	DAVID TODD & CINDY L. BATES	36.425
	S91	12-8-32.6	CHARLES W. THOMAS, JR.	1.309
SS	S92	p/p 12-3-39 & 30.4	JOSHUA D. LEMASTERS & ERIN LEMASTERS	3.602
	S93	p/p 12-3-39 & 30.4	DOUGLAS & SUZANNE ESTEP	0.145



P.S. 708 *David L Jackson*

NOTE: L.P. 1 & 2
LTP are same point. 10/21/2022



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: ELMER N-17HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV
API #: 47-103-03505

WELL PLAT
PAGE 2 OF 3
DATE: 07/26/2022

**ELMER LEASE
WELL N-17HU
316.1602± ACRES**

U000

Lease ID	TMP	Tag	Granor, Lessor, Etc.	Deed Book/Page	
10*31435	12-8-15	A	HENRY AND NANCY GARNER	55	394
10*31435	12-8-16	B	HENRY AND NANCY GARNER	55	394
FORCE POOL	12-8-20	C	BRC MINERALS LP, ET AL	102A	501
10*31435	12-8-21.1	D	HENRY AND NANCY GARNER	55	394
10*31435	12-8-22.1	E	HENRY AND NANCY GARNER	55	394
10*31435	12-8-21	F	HENRY AND NANCY GARNER	55	394
10*31435	12-8-23	G	HENRY AND NANCY GARNER	55	394
	12-8-17	H	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
	12-8-4.2	I	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
	12-8-4.4	J	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-16.1	K	HENRY AND NANCY GARNER	55	394
	12-8-4	L	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
	12-8-4.5	M	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-14	N	HENRY AND NANCY GARNER	55	394
10*31435	12-8-13	O	HENRY AND NANCY GARNER	55	394
	12-8-4.1	P	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-2	Q	HENRY AND NANCY GARNER	55	394
10*31435	12-8-3	R	HENRY AND NANCY GARNER	55	394
10*31435	12-3-31	S	HENRY AND NANCY GARNER	55	394
10*24010	12-3-39.1	T	JOHN ROBINSON DAVIS, ET AL	215A	419
10*24010	12-3-32.1	U	JOHN ROBINSON DAVIS, ET AL	215A	419
10*24010	12-3-32	V	JOHN ROBINSON DAVIS	215A	419
10*24220	12-3-32	V	RICHARD C DAVIS JR	216A	390
10*24010	12-3-39	W	JOHN ROBINSON DAVIS, ET AL	215A	419
10*31435	12-3-30.3	X	HENRY AND NANCY GARNER	55	394
10*31435	12-3-30.4	Y	HENRY AND NANCY GARNER	55	394
10*31435	12-3-45	Z	HENRY AND NANCY GARNER	55	394
10*31435	12-3-28	AA	HENRY AND NANCY GARNER, ET AL	55	394
10*31435	12-8-1.1	BB	HENRY AND NANCY GARNER	55	394
FORCE POOL	12-3-21	CC	RACHEL AND JACOB COFFIELD, ET AL	55	329
FORCE POOL	12-3-21.1	DD	RACHEL AND JACOB COFFIELD, ET AL	55	329
10*22229	12-3-13	EE	MURIELA MILLER, ET AL	204A	150
10*24775	12-2-19	FF	IRREV TR OTD OCT 28, 2011, ET AL	220A	289
10*39463	12-3-4	GG	J P COOPER ET AL	56	245
10*39463	12-3-3.1	HH	J P COOPER ET AL	56	245
10*39463	12-3-3	II	J P COOPER ET AL	56	245
10*39463	12-3-4.2	JJ	J P COOPER ET AL	56	245
10*39463	12-3-4.7	KK	J P COOPER ET AL	56	245
10*39463	12-3-4.8	LL	J P COOPER ET AL	56	245
10*39463	12-3-4.3	MM	J P COOPER ET AL	56	245
10*39463	12-3-2	NN	J P COOPER ET AL	56	245
10*39463	12-3-4.6	OO	J P COOPER ET AL	56	245
10*39463	12-3-4.5	PP	J P COOPER ET AL	56	245
10*22496	12-3-1	QQ	JAMES W KLUG	923	543
10*22496	5-25-11.2	RR	JAMES W KLUG	923	543

DEEP WELLS WITHIN 2400' OF PROPOSED WELL'S SURFACE LOCATION AND/OR WITHIN 500' OF WELL LATERAL

API	OPERATOR
47-051-02273	Tug Hill Operating, LLC
47-103-03467	Tug Hill Operating, LLC
47-103-03502	Tug Hill Operating, LLC
47-103-03503	Tug Hill Operating, LLC
47-103-03504	Tug Hill Operating, LLC



P.S. 708 *David L Jackson*

10/21/2022



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: ELMER N-17HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV
API #: 47-103-03505

WELL PLAT
PAGE 3 OF 3
DATE: 07/26/2022

Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Ryality	Deed Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*40570	12-8-20	C	HUBERT D MORRIS	TH EXPLORATION LLC	1/8+	PENDING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FORCE POOL	12-8-20	C	BRC MINERALS LP	BRC WORKING INTEREST COMPANY	1/8+	102A 501	BRC Working Interest Company LLC to Chesapeake Appalachia LLC: 103A/470	Chesapeake Appalachia LLC to Statoil Onshore Properties Inc: 120A/109	Chesapeake Appalachia LLC to SWN Production Company LLC: 157A/540	Statoil Onshore Properties Inc to SWN Exchange Titleholder LLC: 158A/801	Merger - SWN Exchange Titleholder LLC merged with and into SWN Production Company LLC: CB 13/296	SWN Production Company LLC to Antero Exchange Properties LLC: 177A/533	Statoil USA Onshore Properties Inc to Antero Exchange Properties LLC: 177A/738	Merger - Antero Exchange Properties LLC with and into Antero Resources Corp: CB 13/311		
FORCE POOL	12-8-20	C	LINDA WILSON	ANTERO RESOURCES CORPORATION	1/8+	180A 493								**FORCE POOL**		
FORCE POOL	12-8-20	C	HAROLD P RICHMOND AND DONNA S RICHMOND	ANTERO RESOURCES CORPORATION	1/8+	186A 350								**FORCE POOL**		
FORCE POOL	12-8-20	C	NANCY D TRUJEX	ANTERO RESOURCES CORPORATION	1/8+	186A 353								**FORCE POOL**		
FORCE POOL	12-8-20	C	RICKY A YEATER AND CAROL A YEATER	ANTERO RESOURCES CORPORATION	1/8+	186A 640								**FORCE POOL**		
FORCE POOL	12-8-20	C	SHARON L YEATER	ANTERO RESOURCES CORPORATION	1/8+	186A 643								**FORCE POOL**		
FORCE POOL	12-8-20	C	MARY JANL BUNGARD	ANTERO RESOURCES CORPORATION	1/8+	186A 646								**FORCE POOL**		
FORCE POOL	12-8-20	C	HESTER LORETTA DUGAN	ANTERO RESOURCES CORPORATION	1/8+	186A 652								**FORCE POOL**		
FORCE POOL	12-8-20	C	JANET M HILFERT	ANTERO RESOURCES CORPORATION	1/8+	186A 655								**FORCE POOL**		
FORCE POOL	12-8-20	C	TERRY W YEATER	ANTERO RESOURCES CORPORATION	1/8+	186A 661								**FORCE POOL**		
10*31435	12-8-23	G	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*40155	12-8-17	H	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	THE MANUFACTURERS LIGHT & HEAT COMPANY	1/8+	47A 197	The Manufacturers Light & Heat Company to Columbia Gas Transmission Company: 263/164	Columbia Gas Transmission Corp to Columbia Natural Resources LLC: 84A/129	Columbia Natural Resources LLC to Chesapeake Appalachia LLC: 402/446	Columbia Gas Transmission LLC to Chesapeake Appalachia LLC: 90A/242	Chesapeake Appalachia LLC to Statoilhydro USA Onshore Properties Inc: 97A/578	Chesapeake Appalachia LLC to SWN Production Company LLC: 157A/540	Statoil USA Onshore Properties Inc to SWN Exchange Titleholder LLC: 158A/801	Merger - SWN Exchange Titleholder LLC with and into SWN Production Company LLC: CB 13/296	Equinor USA Onshore Properties Inc to TH Exploration LLC: 219A/31	SWN Production Company LLC to TH Exploration LLC: 291A/39
10*40155	12-8-4	J	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	THE MANUFACTURERS LIGHT & HEAT COMPANY	1/8+	47A 197	The Manufacturers Light & Heat Company to Columbia Gas Transmission Company: 263/164	Columbia Gas Transmission Corp to Columbia Natural Resources LLC: 84A/129	Columbia Natural Resources LLC to Chesapeake Appalachia LLC: 402/446	Columbia Gas Transmission LLC to Chesapeake Appalachia LLC: 90A/242	Chesapeake Appalachia LLC to Statoilhydro USA Onshore Properties Inc: 97A/578	Chesapeake Appalachia LLC to SWN Production Company LLC: 157A/540	Statoil USA Onshore Properties Inc to SWN Exchange Titleholder LLC: 158A/801	Merger - SWN Exchange Titleholder LLC with and into SWN Production Company LLC: CB 13/296	Equinor USA Onshore Properties Inc to TH Exploration LLC: 219A/31	SWN Production Company LLC to TH Exploration LLC: 291A/39
10*40155	12-8-4	L	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	THE MANUFACTURERS LIGHT & HEAT COMPANY	1/8+	47A 197	The Manufacturers Light & Heat Company to Columbia Gas Transmission Company: 263/164	Columbia Gas Transmission Corp to Columbia Natural Resources LLC: 84A/129	Columbia Natural Resources LLC to Chesapeake Appalachia LLC: 402/446	Columbia Gas Transmission LLC to Chesapeake Appalachia LLC: 90A/242	Chesapeake Appalachia LLC to Statoilhydro USA Onshore Properties Inc: 97A/578	Chesapeake Appalachia LLC to SWN Production Company LLC: 157A/540	Statoil USA Onshore Properties Inc to SWN Exchange Titleholder LLC: 158A/801	Merger - SWN Exchange Titleholder LLC with and into SWN Production Company LLC: CB 13/296	Equinor USA Onshore Properties Inc to TH Exploration LLC: 219A/31	SWN Production Company LLC to TH Exploration LLC: 291A/39
10*40155	12-8-4	M	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	THE MANUFACTURERS LIGHT & HEAT COMPANY	1/8+	47A 197	The Manufacturers Light & Heat Company to Columbia Gas Transmission Company: 263/164	Columbia Gas Transmission Corp to Columbia Natural Resources LLC: 84A/129	Columbia Natural Resources LLC to Chesapeake Appalachia LLC: 402/446	Columbia Gas Transmission LLC to Chesapeake Appalachia LLC: 90A/242	Chesapeake Appalachia LLC to Statoilhydro USA Onshore Properties Inc: 97A/578	Chesapeake Appalachia LLC to SWN Production Company LLC: 157A/540	Statoil USA Onshore Properties Inc to SWN Exchange Titleholder LLC: 158A/801	Merger - SWN Exchange Titleholder LLC with and into SWN Production Company LLC: CB 13/296	Equinor USA Onshore Properties Inc to TH Exploration LLC: 219A/31	SWN Production Company LLC to TH Exploration LLC: 291A/39
10*40155	12-8-4	P	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	THE MANUFACTURERS LIGHT & HEAT COMPANY	1/8+	47A 197	The Manufacturers Light & Heat Company to Columbia Gas Transmission Company: 263/164	Columbia Gas Transmission Corp to Columbia Natural Resources LLC: 84A/129	Columbia Natural Resources LLC to Chesapeake Appalachia LLC: 402/446	Columbia Gas Transmission LLC to Chesapeake Appalachia LLC: 90A/242	Chesapeake Appalachia LLC to Statoilhydro USA Onshore Properties Inc: 97A/578	Chesapeake Appalachia LLC to SWN Production Company LLC: 157A/540	Statoil USA Onshore Properties Inc to SWN Exchange Titleholder LLC: 158A/801	Merger - SWN Exchange Titleholder LLC with and into SWN Production Company LLC: CB 13/296	Statoil USA Onshore Properties Inc to TH Exploration LLC:	SWN Production Company LLC to TH Exploration LLC:
10*31435	12-3-31	S	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*24030	12-3-39.1	T	JOHN ROBINSON DAVIS	TH EXPLORATION LLC	1/8+	215A 419	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10*28219	12-3-39	W	SALVATION ARMY	TH EXPLORATION LLC	1/8+	235a	546	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*28222	12-3-39	W	DIANA DENEICE FRAKES AND ALAN R FRAKES	TH EXPLORATION LLC	1/8+	235A	544	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*28513	12-3-39	W	GEORJEANA COFFIELD	TH EXPLORATION LLC	1/8+	237A	658	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*29555	12-3-39	W	JENNIFER ANNE HAWKINS HYDUKE	TH EXPLORATION LLC	1/8+	250A	445	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*29558	12-3-39	W	ROBERT S HAWKINS AND PAMELA H HAWKINS	TH EXPLORATION LLC	1/8+	250A	448	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*29561	12-3-39	W	CATHERINE MAE MARIE AND JOYCE HARRAWOOD	TH EXPLORATION LLC	1/8+	250A	452	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*30055	12-3-39	W	HARRIS SCOTT HAWKINS AND KAREN E HAWKINS	TH EXPLORATION LLC	1/8+	255A	523	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*30059	12-3-39	W	CHERYL H WHITEHEAD	TH EXPLORATION LLC	1/8+	255A	513	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*30083	12-3-39	W	VERN E HAWKINS AND KAREN L HAWKINS	TH EXPLORATION LLC	1/8+	260A	468	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*39391	12-3-39	W	JEFFREY H LANG AND DAWNIELLE C LANG	TH EXPLORATION LLC	1/8+	264A	714	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*31435	12-3-30.3	X	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
10*31435	12-3-30.4	Y	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
10*31435	12-3-28	AA	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
10*39001	12-3-28	AA	ANTIOCH CHRISTIAN CHURCH	TH EXPLORATION LLC	1/8+	258A	208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*31435	12-8-1.1	BB	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	
FORCE POOL	12-3-21.1	DD	RACHEL AND JACOB COFFIELD	J A PHILLIPS	1/8+	55	329	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to Tri State Gas Company: 73/348 & 73/353	Tri-State Gas Company to The Manufacturers Light & Heat Company: 9A/141	The Manufacturers Light & Heat Company to Columbia Gas Transmission Corp: 263/164	Name Change - Columbia Gas Transmission Corporation changed its name to Columbia Gas Transmission LLC - 1/30/2009	**FORCE POOL**					
10*21681	12-3-21.1	DD	DOROTHY J HAAS	TH EXPLORATION LLC	1/8+	214A	358	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22229	12-3-21.1	DD	MURIEL A MILLER	TH EXPLORATION LLC	1/8+	204A	150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22230	12-3-21.1	DD	JOHN P SNYDER	TH EXPLORATION LLC	1/8+	204A	146	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22307	12-3-21.1	DD	JOHN M PARSONS & ANTOINETTE L COSTANTINO	TH EXPLORATION LLC	1/8+	209A	287	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23512	12-3-21.1	DD	VIVIAN A PARSONS	TH EXPLORATION LLC	1/8+	212A	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23697	12-3-21.1	DD	RICHARD ALLEN FONNER AND LINDA M FONNER	TH EXPLORATION LLC	1/8+	212A	521	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23719	12-3-21.1	DD	BRENDA S FONNER	TH EXPLORATION LLC	1/8+	213A	410	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23797	12-3-21.1	DD	FREDERICK R FONNER AND PENELOPE G FONNER	TH EXPLORATION LLC	1/8+	213A	703	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23824	12-3-21.1	DD	JAMES H PARSONS JR	TH EXPLORATION LLC	1/8+	215A	262	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24004	12-3-21.1	DD	JOHN E FONNER AND MICHELE D FONNER	TH EXPLORATION LLC	1/8+	215A	437	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24148	12-3-21.1	DD	ROY C PARSONS	TH EXPLORATION LLC	1/8+	212A	517	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24175	12-3-21.1	DD	THOMAS I FONNER	TH EXPLORATION LLC	1/8+	214A	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24602	12-3-21.1	DD	HERBERT I MILLER AND BRENDA S MILLER	TH EXPLORATION LLC	1/8+	215A	402	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10*25009	12-3-21.1	DD	FRANCES E ALLOWAY	TH EXPLORATION LLC	1/8+	220A	887	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*26923	12-3-21.1	DD	CHRISTOPHER TILLMAN AND KELLY L TILLMAN	TH EXPLORATION LLC	1/8+	225A	771	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*26986	12-3-21.1	DD	ROBERT FRANKLIN II FONNER AND KARYN FONNER	TH EXPLORATION LLC	1/8+	226A	407	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27309	12-3-21.1	DD	JOHN IHNATOLYA AND CHARLOTTE IHNATOLYA	TH EXPLORATION LLC	1/8+	229A	590	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27548	12-3-21.1	DD	BECKY LANE LLC	TH EXPLORATION LLC	1/8+	232A	716	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27549	12-3-21.1	DD	BETTY JANE RICHARDSON FONNER	TH EXPLORATION LLC	1/8+	232A	720	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27963	12-3-21.1	DD	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	232A	339	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*28038	12-3-21.1	DD	CHRISTINE C CONNOR AND WILLIAM KYLE CONNOR	TH EXPLORATION LLC	1/8+	234A	623	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*31440	12-3-21.1	DD	RACHEL AND JACOB COFFIELD 2011 WILLIAM F ROWLAND & CONNIE J ROWLAND IRREV TR DTD OCT 28, 2011	N/A	1/8+	55	329	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*24775	12-2-19	FF		TH EXPLORATION LLC	1/8+	220A	289	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*31435	12-2-19	FF	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55	394	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallis Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463
10*39464	12-2-19	FF	ROBERT AND SARAH J COFFIELD	J A PHILLIPS	1/8+	55	216	J A Phillips to South Penn Oil Company: 55/235	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39465	12-2-19	FF	ROBERT AND SARAH J COFFIELD	J A PHILLIPS	1/8+	55	212	J A Phillips to South Penn Oil Company: 55/235	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39463	12-3-3	II	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39463	12-3-4.2	JJ	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39463	12-3-4.7	KK	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39463	12-3-4.8	LL	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479

10*39463	12-3-2	NN	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479
10*39463	12-3-4,6	OO	J P COOPER ET AL	SOUTH PENN OIL COMPANY	1/8+	56	245	N/A	South Penn Oil Company to Hope Natural Gas Company: 9A/227	Hope Natural Gas Company to Consolidated Gas Supply Corp: 233/387	Consolidated Gas Supply Corp to Consolidated Gas Transmission Corp: 66A/69	Consolidated Gas Transmission Corp to CNG Development Company: 67A/452	Merger - CNG Development Company merged with and into CNG Producing Company Eff. 1/1/1991	Name Change - CNG Producing Company changed name into Dominion Exploration & Producing Inc. - 5/10/2000	Merger - Dominion Exploration & Production Inc merger with and into Consol Gas Company: CB 13/108	Merger - Consol Gas Company merged with and into CNX Gas Company LLC: MB 96/307	CNX Gas Company LLC to TH Exploration LLC: 270A/479



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Deep Modification Horizontal H6A Well Work Permit API : (47-103-03504 & 47-103-03505)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Thu, Oct 20, 2022 at 3:11 PM

To: Amy Morris <amorris@tug-hillop.com>, Scott Lemley <slemley@wvassessor.com>, "Greynolds, Kenneth L" <kenneth.l.greynolds@wv.gov>

I have attached a copy of the newly issued well [permit](#) numbers:

47-103-03504 - ELMER N-16HU

47-103-03505 - ELMER N-17HU

These will serve as your copy.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE


Charleston, WV 25304


(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

 **47-103-03505 - mod.pdf**
4397K

 **47-103-03504 - mod.pdf**
3976K

10/21/2022