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Office of Oil and Gas

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

DEC 01 2023

WV Department of  
Environmental Protection

API 47-103-03091 County Wetzel District Green  
Quad Center Point Pad Name Reilly S GRN WZ Field/Pool Name \_\_\_\_\_  
Farm name WV DNR Public Lands Corp Well Number Reilly S GRN WZ 4H  
Operator (as registered with the OOG) TRIBUNE RESOURCES, LLC  
Address 3861 Ambassador Caffery Pkw City Lafayette State LA Zip 70503

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4371721.8 Easting 526683.8  
Landing Point of Curve Northing 4371593.6 Easting 526326.6  
Bottom Hole Northing 4374258.2 Easting 524733.8

Elevation (ft) 1,474' GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)  
Surface – fresh water, 8.8 ppg, Intermediate – water based mud, 9.1 ppg, Vertical to KOP – water based mud, 9.4 ppg  
Curve / Lateral – Synthetic Oil Based Mud, 12.8 to 13 ppg

Date permit issued 08/08/2022 Date drilling commenced 10/7/2022 Date drilling ceased 01/18/2023  
Date completion activities began 02/09/2023 Date completion activities ceased 06/02/2023  
Verbal plugging (Y/N) N Date permission granted \_\_\_\_\_ Granted by \_\_\_\_\_

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

Freshwater depth(s) ft 536 Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 1316 Void(s) encountered (Y/N) depths N  
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

**APPROVED**

Reviewed by:

04/19/2024

*Mig*  
*220-24*

WR-35  
Rev. 8/23/13

API 47- 103 - 03091 Farm name WV DNR Public Lands Corp Well number Reilly S GRN WZ 4H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	26"	20"	128'	New	J-55/96		Y
Surface	17-1/2"	13-3/8"	649'	New	J-55/54.5		Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2956'	New	J-55/40		Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	18522'	New	P-110/20		Y
Tubing		2 7/8"	8082'	New	L-80		
Packer type and depth set							

Comment Details Full circulation on all strings and cement jobs.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Class A	188				Surface	8
Surface	Class A	536	15.6	1.19	114 bbls	Surface	8
Coal							
Intermediate 1	Class A	942	15	1.29	216 bbls	Surface	8
Intermediate 2							
Intermediate 3							
Production	Class A	3673	15.2	1.12	732 bbls	2000'	8
Tubing							

Drillers TD (ft) 18533' Loggers TD (ft) 18533' MD  
 Deepest formation penetrated Marcellus Plug back to (ft) \_\_\_\_\_  
 Plug back procedure \_\_\_\_\_

Kick off depth (ft) 6800'

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

Well cored  Yes  No Conventional Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING \_\_\_\_\_

Surface - centralizer run every three joints.  
 Intermediate - centralizer run every three joints.  
 Production - centralizer run every three joints from TD to vertical, then every 5 joints from KOP to surface.

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WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

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WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_

04/19/2024

*SMV*  
*2-18-24*





API 47- 103 - 03091 Farm name WV DNR Public Lands Corp Well number Reilly S GRN WZ 4H

PRODUCING FORMATION(S)	DEPTHS		
Marcellus	7445'	TVD	7928' MD

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump

SHUT-IN PRESSURE Surface 2730 psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 10729 mcfpd Oil 13 bpd NGL 0 bpd Water 178 bpd GAS MEASURED BY  Estimated  Orifice  Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC)
	0		0		
Freshwater	536	Not Logged	536	Not Logged	
Pittsburgh Coal	1066	Not Logged	1066	Not Logged	
Saltwater	1316	N/A	N/A	N/A	
Big Injun	2342	2551	2342	2551	Sand/Shale, Saltwater
Berea	2912	2925	2925	2949	Sand/Shale, Saltwater
Gordon	3115	3182	3130	3197	Sand/Shale, oil and Saltwater
Middlesex	6998	7105	7047	7205	Shale/Organic Shale, Natural Gas and Salt Water
Geneseo	7105	7142	7205	7271	Organic Shale, Natural Gas and Salt Water
Tully	7142	7157	7271	7300	Limestone, Saltwater
Hamilton	7157	7225	7300	7509	Shale/Organic Shale, Natural Gas and Salt Water
Marcellus	7225	Not Reached	7509	Not Reached	Organic Shale, Natural Gas and Salt Water
Onondaga	Not Reached	Not Reached	Not Reached	Not Reached	Limestone, Natural Gas and Saltwater

Please insert additional pages as applicable.

Drilling Contractor H&P Drilling  
Address 912 N Eagle Valley Rd City Howard State PA Zip 16841

Logging Company Schlumberger  
Address 4600 J. Barry Ct., Ste. 200 City Canonsburg State PA Zip 15317

Cementing Company Schlumberger  
Address 4600 J. Barry Ct., Ste. 200 City Canonsburg State PA Zip 15317

Stimulating Company Profrac  
Address 800 Mountain Vw Dr City Smithfield State PA Zip 15478

Please insert additional pages as applicable.

Completed by Lee L. Lawson Telephone 337-769-0032  
Signature  Title Regulatory/HSE Director Date \_\_\_\_\_

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

04/19/2024 



# Perforation Record Reilly S GRN WZ 4H



Int #	Minimum of Top (ftKB)	Maximum of Btm (ftKB)	Sum of Calculated Shot Total	Target Form
1	17,892.0	18,104.0	50	Marcellus Shale
2	17,680.0	17,864.0	45	Marcellus Shale
3	17,468.0	17,652.0	45	Marcellus Shale
4	17,256.0	17,439.0	45	Marcellus Shale
5	17,044.0	17,228.0	45	Marcellus Shale
6	16,832.0	17,015.0	45	Marcellus Shale
7	16,620.0	16,803.0	45	Marcellus Shale
8	16,408.0	16,591.0	45	Marcellus Shale
9	16,196.0	16,380.0	45	Marcellus Shale
10	15,984.0	16,168.0	45	Marcellus Shale
11	15,772.0	15,955.0	45	Marcellus Shale
12	15,560.0	15,743.0	45	Marcellus Shale
13	15,348.0	15,531.0	45	Marcellus Shale
14	15,136.0	15,320.0	45	Marcellus Shale
15	14,924.0	15,107.0	45	Marcellus Shale
16	14,712.0	14,896.0	45	Marcellus Shale
17	14,500.0	14,683.0	45	Marcellus Shale
18	14,288.0	14,472.0	45	Marcellus Shale
19	14,076.0	14,260.0	45	Marcellus Shale
20	13,864.0	14,047.0	45	Marcellus Shale
21	13,652.0	13,835.0	45	Marcellus Shale
22	13,440.0	13,623.0	45	Marcellus Shale
23	13,228.0	13,411.0	45	Marcellus Shale
24	13,016.0	13,200.0	45	Marcellus Shale
25	12,804.0	12,988.0	45	Marcellus Shale
26	12,592.0	12,775.0	45	Marcellus Shale
27	12,380.0	12,563.0	45	Marcellus Shale
28	12,168.0	12,351.0	45	Marcellus Shale
29	11,956.0	12,139.0	45	Marcellus Shale
30	11,744.0	11,927.0	45	Marcellus Shale
31	11,532.0	11,715.0	45	Marcellus Shale
32	11,320.0	11,500.0	45	Marcellus Shale
33	11,108.0	11,291.0	45	Marcellus Shale
34	10,896.0	11,079.0	45	Marcellus Shale
35	10,684.0	10,867.0	45	Marcellus Shale
36	10,472.0	10,655.0	45	Marcellus Shale
37	10,260.0	10,443.0	45	Marcellus Shale
38	10,048.0	10,231.0	45	Marcellus Shale
39	9,836.0	10,019.0	45	Marcellus Shale
40	9,624.0	9,803.0	45	Marcellus Shale
41	9,412.0	9,595.0	45	Marcellus Shale
42	9,200.0	9,383.0	45	Marcellus Shale
43	8,988.0	9,171.0	45	Marcellus Shale
44	8,776.0	8,959.0	45	Marcellus Shale
45	8,564.0	8,744.0	45	Marcellus Shale
46	8,352.0	8,535.0	45	Marcellus Shale
47	8,140.0	8,323.0	45	Marcellus Shale
48	7,929.0	8,111.0	45	Marcellus Shale

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# Stimulation Record Reilly S GRN WZ 4H



Interval Number	End Date	Slurry Rate Avg (gpm)	P Treat Avg (psi)	P Breakdown (psi)	Proppant Total (lb)	Vol Clean Total (bbl)	Vol N2 Total (bbl)
1	2/22/2023	81	8,979.0	5,488.0	500,220.0	8,763.60	0.00
2	2/22/2023	85	9,067.0	5,979.0	426,320.0	8,035.40	0.00
3	2/22/2023	86	9,181.0	6,251.0	424,600.0	8,180.10	0.00
4	2/23/2023	87	9,172.0	5,781.0	425,120.0	8,035.80	0.00
5	2/23/2023	87	9,239.0	6,461.0	424,220.0	7,907.70	0.00
6	2/23/2023	85	9,288.0	6,126.0	423,740.0	7,840.30	0.00
7	2/23/2023	85	9,104.0	6,058.0	424,080.0	7,777.30	0.00
8	2/24/2023	80	9,138.0	5,916.0	425,300.0	7,595.80	0.00
9	2/24/2023	90	8,845.0	6,162.0	423,520.0	8,117.80	0.00
10	2/24/2023	89	9,196.0	6,347.0	425,160.0	7,578.70	0.00
11	2/25/2023	89	9,164.0	5,489.0	425,800.0	7,811.30	0.00
12	2/25/2023	89	9,228.0	6,489.0	424,700.0	7,620.90	0.00
13	2/25/2023	88	9,148.0	6,521.0	421,720.0	7,358.60	0.00
14	2/26/2023	89	9,112.0	6,523.0	424,780.0	7,677.50	0.00
15	2/26/2023	90	8,934.0	6,230.0	425,440.0	7,693.30	0.00
16	2/26/2023	90	8,839.0	6,110.0	424,400.0	7,666.30	0.00
17	2/26/2023	90	8,808.0	6,384.0	422,840.0	7,597.50	0.00
18	2/26/2023	90	8,763.0	6,125.0	425,860.0	6,991.40	0.00
19	2/27/2023	90	8,938.0	6,124.0	423,160.0	7,872.00	0.00
20	2/27/2023	91	8,858.0	6,270.0	423,900.0	7,611.00	0.00
21	2/27/2023	89	8,457.0	6,334.0	427,920.0	7,508.70	0.00
22	2/28/2023	89	8,935.0	6,357.0	428,440.0	7,468.00	0.00
23	2/28/2023	90	8,774.0	6,327.0	422,940.0	7,497.50	0.00
24	2/28/2023	90	8,756.0	6,198.0	422,640.0	7,550.20	0.00
25	2/28/2023	90	8,542.0	6,012.0	425,140.0	7,484.60	0.00
26	3/1/2023	89	8,740.0	6,001.0	425,640.0	7,647.60	0.00
27	3/1/2023	90	8,388.0	5,921.0	425,480.0	7,551.60	0.00
28	3/1/2023	89	8,418.0	6,088.0	424,980.0	7,333.80	0.00
29	3/2/2023	90	8,459.0	5,992.0	425,080.0	7,529.00	0.00
30	3/2/2023	90	8,435.0	5,979.0	425,000.0	7,565.50	0.00
31	3/2/2023	90	8,498.0	6,400.0	423,580.0	7,538.40	0.00
32	3/2/2023	90	8,084.0	6,340.0	425,860.0	7,522.90	0.00
33	3/2/2023	90	8,340.0	6,246.0	424,940.0	7,351.20	0.00
34	3/3/2023	90	8,222.0	6,552.0	423,360.0	7,210.80	0.00
35	3/3/2023	90	8,477.0	6,455.0	424,320.0	7,105.20	0.00
36	3/3/2023	91	8,597.0	6,437.0	429,040.0	7,362.90	0.00
37	3/4/2023	90	8,420.0	6,063.0	425,640.0	7,180.70	0.00
38	3/4/2023	90	8,065.0	6,311.0	425,080.0	7,198.20	0.00
39	3/4/2023	90	8,375.0	6,312.0	424,440.0	7,025.40	0.00
40	3/4/2023	91	8,299.0	6,065.0	424,460.0	7,188.60	0.00
41	3/5/2023	90	8,041.0	6,310.0	424,020.0	7,223.40	0.00
42	3/5/2023	89	7,914.0	6,313.0	424,980.0	7,766.40	0.00
43	3/5/2023	90	8,305.0	6,415.0	425,140.0	7,241.30	0.00
44	3/5/2023	90	8,266.0	5,973.0	424,900.0	7,262.80	0.00
45	3/6/2023	90	7,896.0	6,033.0	427,320.0	7,066.40	0.00
46	3/6/2023	90	7,848.0	6,108.0	422,900.0	6,824.20	0.00
47	3/6/2023	90	7,985.0	6,275.0	424,280.0	7,672.50	0.00
48	3/7/2023	91	7,847.0	6,364.0	424,680.0	7,306.10	0.00

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# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	2/9/2023
Job End Date:	2/21/2023
State:	West Virginia
County:	Wayne
API Number:	47-103-03091-00-00
Operator Name:	Tribune Resources, LLC
Well Name and Number:	Reilly S GRN WZ 4H
Latitude:	39.49470000
Longitude:	-80.68967500
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,399
Total Base Water Volume (gal):	14,810,712
Total Base Non Water Volume:	0

## Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Tribune	Carrier/Base Fluid	Water	7732-18-5	100.00000	85.08344	None
Proppant	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	14.08960	None
Hydrochloric Acid (7.5%)	CNR	Acidizing	Water	7732-18-5	85.00000	0.60967	None
			Hydrochloric Acid (Hydrogen Chloride)	7647-01-0	37.00000	0.26539	None
ProSlick 300	ProFrac	Friction Reducer	Distillates (petroleum), hydrotreated light	64742-47-8	20.00000	0.01562	None
			Ammonium chloride ((NH4)Cl)	12125-02-9	1.50000	0.00117	None
			Oleic Acid Diethanolamide	93-83-4	1.50000	0.00117	None
			Alcohols, C-12-16, ethoxylated	68551-12-2	1.00000	0.00078	None
BioSuite GQ123x	BioSuite	Bioocide	Glutaral	111-30-8	15.00000	0.00315	None
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000	0.00105	None



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Acid Pack Pro LT	CNR	Acid Inhibitor and Iron Control	Proprietary Blend	Proprietary	60.00000	0.00097	None
		Ethylene Glycol	7732-18-5		30.00000	0.00049	None
ProChek 170	ProFrac	Scale Inhibitor	Methyl alcohol	67-56-1	5.00000	0.00049	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
Other Chemical(s)	Listed Above	See Trade Name(s) List	Water	7732-18-5	85.00000	0.60967	
			Oleic Acid Diethanolamide	93-83-4	1.50000	0.00117	
			Ammonium chloride ((NH4)Cl)	12125-02-9	1.50000	0.00117	
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl chlorides	68424-85-1	5.00000	0.00105	
			Alcohols, C12-16, ethoxylated	68551-12-2	1.00000	0.00078	
			Ethylene Glycol	7732-18-5	30.00000	0.00049	

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water  
 \*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

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

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# Tribune Resources Reilly N GRN WZ 4H Surveys Off to 18160ft MD Survey Geodetic Report

## Definitive Survey

**Report Date:** January 19, 2023 - 09:11 PM (UTC 0)  
**Client:** Tribune Resources  
**Field:** WV Wetzel County (NAD 27)  
**Structure / Slot:** Tribune Resources Reilly South Pad / Reilly S GRN WZ 4H  
**Well:** Reilly S GRN WZ 4H  
**Borehole:** Original Borehole  
**UBHI / API / JobNumber:** Unknown / Unknown / Unknown  
**Survey Name / Version:** Tribune Resources Reilly N GRN WZ 4H Surveys Off to 18160f MD / 3  
**Survey Date:** November 15, 2022  
**Tort / AMD / DDI / ERD Ratio:** 257.571 / 12063.010 ft / 8.689 / 1.623  
**Coordinate Reference System:** NAD27 West Virginia State Plane, Northern Zone, US Feet  
**Location Lat / Long:** N 39°29'40.61228" W 80°41'23.45578"  
**Location Grid N/E Y/X:** N 394482.600 RUS, E 1664224.000 RUS  
**CRS Grid Convergence Angle:** -0.7589"  
**Grid Scale Factor:** 0.99994336  
**Engine Version:** 2022.5.0.11

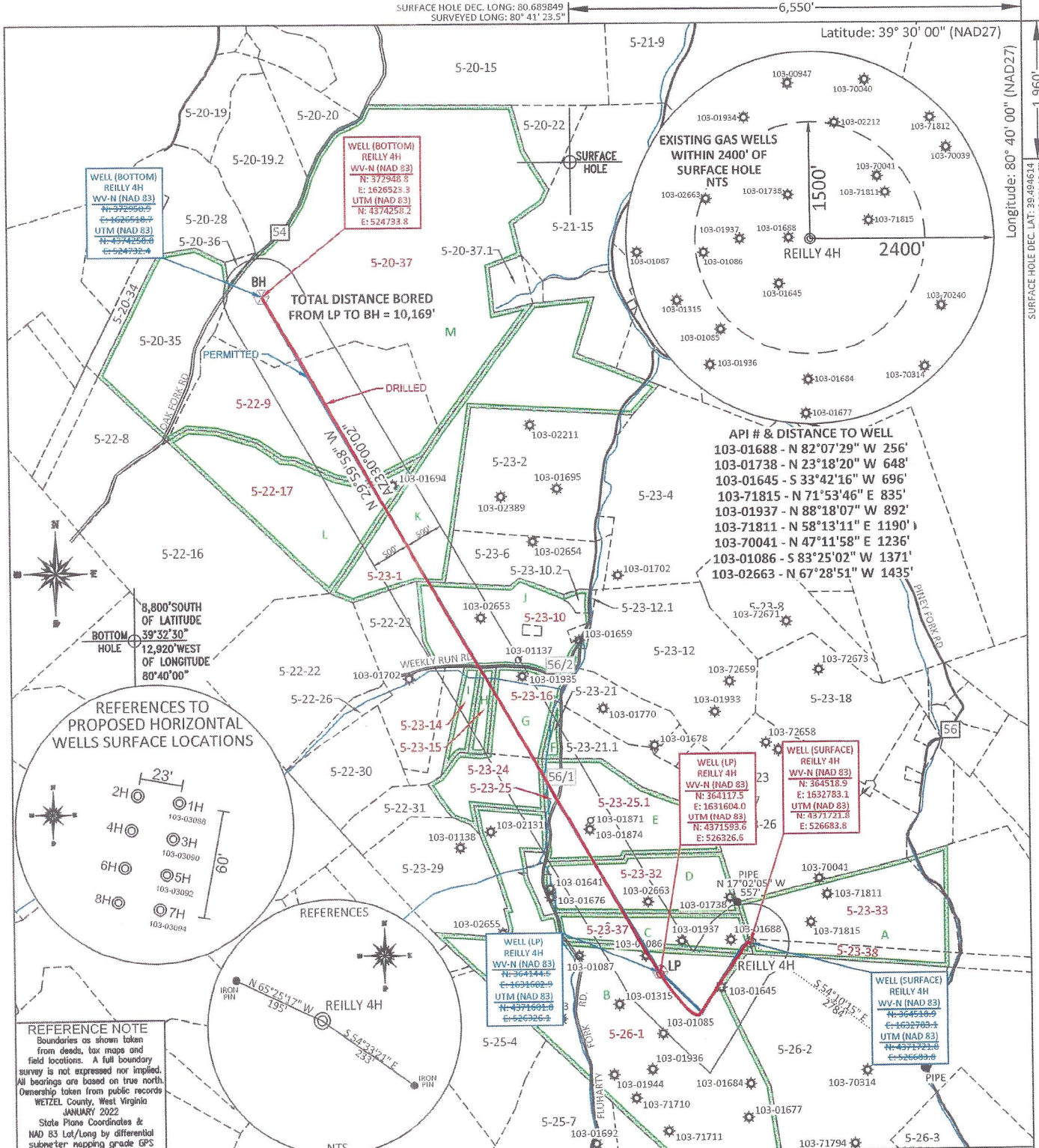
**Survey / DLS Computation:** Minimum Curvature / Lubinski  
**Vertical Section Azimuth:** 330.000 (Grid North)  
**Vertical Section Origin:** 0.000 ft, 0.000 ft  
**TVD Reference Datum:** RKB  
**TVD Reference Elevation:** 1501.600 ft above MSL  
**Seabed / Ground Elevation:** 1474.000 ft above MSL  
**Magnetic Declination:** -8.039"  
**Total Gravity Field Strength:** GMRN (8.80665 Based)  
**Gravity Magnitude:** 51732.547 nT  
**Magnetic Dip Angle:** 66.366°  
**Declination Date:** January 01, 2023  
**Magnetic Declination Model:** HDGM 2022  
**North Reference:** Grid  
**Total Corr Mag:** -7.2791"  
**Local Coord Reference To:** Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	TVDBSS (ft)	DLS (ft/1000)	Northing (ftUS)	Easting (ftUS)	Latitude (°N)	Longitude (°W)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1,501.60	0.26	364,482.80	1,664,224.00	N 39°29'40.61"	W 80°41'23.46"
	143.00	0.37	124.58	143.00	-0.42	-0.26	0.38	-1,358.60	0.34	364,482.54	1,664,224.38	N 39°29'40.61"	W 80°41'23.44"
	233.00	0.62	145.62	233.00	-1.17	-0.83	0.89	-1,288.80	0.34	364,481.97	1,664,224.89	N 39°29'40.60"	W 80°41'23.44"
	320.00	0.61	125.09	319.99	-2.05	-1.48	1.54	-1,191.61	0.25	364,481.32	1,664,225.54	N 39°29'40.60"	W 80°41'23.43"
	412.00	0.66	123.34	411.99	-2.98	-2.07	2.37	-1,089.61	0.05	364,480.73	1,664,226.37	N 39°29'40.59"	W 80°41'23.43"
	502.00	0.39	97.70	501.98	-3.64	-2.41	3.10	-999.62	0.40	364,480.39	1,664,227.10	N 39°29'40.59"	W 80°41'23.42"
	591.00	0.06	229.40	590.98	-3.83	-2.48	3.36	-910.62	0.49	364,480.32	1,664,227.35	N 39°29'40.59"	W 80°41'23.41"
	608.00	0.12	267.33	607.98	-3.83	-2.49	3.34	-855.62	0.48	364,480.31	1,664,227.34	N 39°29'40.59"	W 80°41'23.41"
	681.00	0.15	328.73	680.98	-3.70	-2.41	3.00	-730.62	0.21	364,480.71	1,664,227.00	N 39°29'40.59"	W 80°41'23.42"
	771.00	0.34	323.68	770.98	-3.31	-2.09	3.00	-640.62	0.10	364,481.08	1,664,226.70	N 39°29'40.60"	W 80°41'23.42"
	851.00	0.27	314.70	850.98	-2.84	-1.72	2.70	-560.62	0.19	364,481.25	1,664,226.41	N 39°29'40.60"	W 80°41'23.42"
	950.00	0.19	277.00	949.98	-2.55	-1.55	2.25	-463.62	0.21	364,481.24	1,664,226.25	N 39°29'40.60"	W 80°41'23.43"
	1,039.00	0.03	202.38	1,038.98	-2.47	-1.56	2.25	-372.62	0.75	364,481.33	1,664,226.72	N 39°29'40.60"	W 80°41'23.43"
	1,129.00	0.68	282.68	1,128.98	-2.13	-1.47	1.72	-272.62	1.89	364,481.73	1,664,223.39	N 39°29'40.60"	W 80°41'23.46"
	1,215.00	2.36	276.87	1,217.94	-0.62	-1.07	-0.61	-283.66	2.53	364,482.44	1,664,217.99	N 39°29'40.61"	W 80°41'23.64"
	1,308.00	4.63	276.67	1,307.77	2.71	-0.36	-8.04	-193.63	1.40	364,483.64	1,664,209.78	N 39°29'40.61"	W 80°41'23.64"
	1,398.00	5.86	273.51	1,397.39	7.42	0.34	-14.24	-104.21	1.45	364,482.70	1,664,200.65	N 39°29'40.61"	W 80°41'23.75"
	1,487.00	5.98	261.02	1,485.92	11.59	-0.10	-32.73	73.77	2.18	364,478.70	1,664,191.27	N 39°29'40.58"	W 80°41'23.67"
	1,577.00	6.71	244.48	1,575.37	13.68	-0.49	-41.77	182.08	2.81	364,473.31	1,664,182.23	N 39°29'40.51"	W 80°41'23.58"
	1,665.00	7.76	226.32	1,663.88	12.67	-0.94	-49.77	251.10	1.84	364,463.84	1,664,173.24	N 39°29'40.42"	W 80°41'23.30"
	1,756.00	9.14	220.04	1,752.70	8.79	-19.16	-50.76	251.10	2.02	364,451.88	1,664,183.18	N 39°29'40.30"	W 80°41'24.23"
	1,845.00	10.93	220.99	1,840.33	3.63	-30.94	-60.65	338.73	2.15	364,437.75	1,664,151.14	N 39°29'40.16"	W 80°41'24.38"
	1,935.00	12.85	219.94	1,928.40	-2.59	-45.06	-72.87	428.80	0.69	364,422.27	1,664,138.76	N 39°29'40.00"	W 80°41'24.53"
	2,025.00	14.24	216.19	2,016.34	-9.80	-60.53	-85.25	514.59	1.21	364,406.48	1,664,127.74	N 39°29'39.85"	W 80°41'24.78"
	2,114.00	12.41	212.44	2,103.08	-17.97	-76.32	-96.27	601.48	0.87	364,389.17	1,664,117.81	N 39°29'39.68"	W 80°41'24.79"
	2,204.00	12.58	208.92	2,190.95	-27.50	-93.09	-106.19	698.35	0.93	364,372.20	1,664,107.82	N 39°29'39.50"	W 80°41'24.92"
	2,294.00	13.35	210.35	2,278.65	-37.70	-110.61	-117.08	777.28	0.47	364,354.67	1,664,097.88	N 39°29'39.33"	W 80°41'25.05"
	2,383.00	12.95	209.77	2,369.92	-47.80	-128.13	-123.33	863.72	1.06	364,336.94	1,664,089.96	N 39°29'39.15"	W 80°41'25.15"
	2,473.00	13.68	212.45	2,452.90	-57.94	-145.87	-137.04	951.30	1.28	364,318.93	1,664,074.84	N 39°29'38.97"	W 80°41'25.30"
	2,562.00	14.87	215.36	2,539.21	-67.30	-163.88	-149.17	1,037.61	1.49	364,299.88	1,664,060.96	N 39°29'38.78"	W 80°41'25.51"
	2,652.00	15.81	217.30	2,626.07	-76.79	-182.87	-161.22	1,124.87	1.53	364,281.58	1,664,046.61	N 39°29'38.60"	W 80°41'25.68"
	2,741.00	14.48	218.35	2,711.97	-86.57	-201.24	-177.40	1,210.37	1.94	364,264.91	1,664,033.54	N 39°29'38.43"	W 80°41'25.98"
	2,830.00	12.74	217.81	2,795.44	-93.47	-217.90	-190.47	1,297.84	2.00	364,250.39	1,664,022.44	N 39°29'38.26"	W 80°41'26.30"
	2,920.00	10.97	216.91	2,886.54	-100.50	-232.43	-201.57	1,384.94	1.85	364,241.55	1,664,015.87	N 39°29'38.10"	W 80°41'26.67"
	2,981.00	9.85	216.25	2,946.54	-104.88	-241.28	-208.14	1,444.94	1.79	364,226.20	1,664,004.91	N 39°29'38.05"	W 80°41'26.91"
	3,105.00	7.64	214.82	3,099.09	-112.09	-256.61	-217.10	1,507.49	2.55	364,213.93	1,663,997.36	N 39°29'37.94"	W 80°41'26.30"
	3,194.00	9.80	213.23	3,105.04	-118.67	-267.88	-226.65	1,555.44	1.38	364,201.10	1,663,988.50	N 39°29'37.80"	W 80°41'26.54"
	3,284.00	11.13	212.13	3,245.53	-126.21	-281.71	-235.51	1,743.93	3.78	364,184.64	1,663,988.12	N 39°29'37.45"	W 80°41'26.89"
	3,373.00	14.45	209.61	3,332.31	-135.85	-296.65	-245.57	1,830.71	1.76	364,164.84	1,663,988.12	N 39°29'37.23"	W 80°41'26.89"
	3,463.00	15.31	214.74	3,419.29	-146.80	-318.17	-257.69	2,003.80	1.55	364,146.00	1,663,983.53	N 39°29'37.45"	W 80°41'26.85"
	3,552.00	13.98	213.30	3,505.40	-156.26	-340.47	-283.16	2,090.93	1.27	364,127.36	1,663,940.86	N 39°29'37.06"	W 80°41'27.01"
	3,642.00	16.04	215.02	3,592.53	-166.26	-365.47	-297.05	2,176.75	0.96	364,108.32	1,663,926.87	N 39°29'36.67"	W 80°41'27.10"
	3,731.00	15.67	217.18	3,678.35	-176.80	-374.50	-297.05	2,176.75	0.62	364,089.04	1,663,912.88	N 39°29'36.50"	W 80°41'27.38"
	3,821.00	15.25	215.80	3,765.09	-185.37	-393.78	-311.22	2,263.49	0.23	364,069.70	1,663,898.93	N 39°29'36.49"	W 80°41'27.53"
	3,911.00	14.35	215.18	3,851.91	-194.23	-413.12	-325.69	2,351.91	1.11	364,051.06	1,663,885.80	N 39°29'36.30"	W 80°41'27.70"
	4,000.00	14.36	213.60	3,937.94	-204.61	-431.77	-338.22	2,436.34	1.10	364,034.02	1,663,873.72	N 39°29'36.13"	W 80°41'27.98"
	4,089.00	13.46	213.60	4,024.33	-214.05	-444.40	-350.30	2,522.73	0.20	364,016.05	1,663,862.02	N 39°29'35.97"	W 80°41'28.14"
	4,179.00	13.47	214.35	4,111.88	-223.24	-468.78	-362.00	2,610.26	0.88	363,998.55	1,663,850.23	N 39°29'35.78"	W 80°41'28.14"
	4,269.00	13.63	213.66	4,199.35	-232.48	-484.26	-373.60	2,697.76	0.40	363,981.13	1,663,838.88	N 39°29'35.60"	W 80°41'28.29"
	4,358.00	13.42	212.42	4,285.88	-241.91	-501.70	-385.15	2,784.28	0.88	363,964.05	1,663,827.94	N 39°29'35.45"	W 80°41'28.42"
	4,448.00	12.65	212.87	4,373.57	-251.24	-518.78	-396.69	2,871.97	0.88	363,947.79	1,663,817.43	N 39°29'35.27"	W 80°41'28.59"
	4,538.00	12.21	212.88	4,461.46	-260.05	-535.04	-408.59	2,959.86	1.17	363,932.27	1,663,806.39	N 39°29'35.12"	W 80°41'28.69"
	4,628.00	12.29	217.82	4,549.41	-268.02	-550.60	-417.63	3,047.81	0.80	363,917.81	1,663,794.74	N 39°29'34.97"	W 80°41'28.84"
	4,717.00	11.76	220.10	4,636.46	-274.68	-565.02	-429.68	3,134.89	0.80	363,903.65	1,663,783.04	N 39°29'34.81"	W 80°41'28.98"
	4,807.00	12.62	220.05	4,724.75	-280.63	-578.38	-440.53	3,223.15	1.27	363,904.45	1,663,773.50	N 39°29'34.64"	W 80°41'29.08"
	4,897.00	9.52	213.89	4,813.36	-288.74	-590.91	-450.01	3,311.76	1.71	363,891.92	1,663,774.01	N 39°29'34.58"	W 80°41'29.20"
	4,986.00	10.81	209.66	4,800.97	-294.19	-604.27	-458.25	3,399.37	1.11	363,883.12	1,663,757.49	N 39°29'34.43"	W 80°41'29.30"
	5,076.00	11.65	206.91	4,788.24	-303.42	-618.17	-467.10	3,487.64	1.23	363,874.72	1,663,748.77	N 39°29'34.27"	W 80°41'29.41"
	5,165.00	11.32	212.15	5,078.46	-312.40	-635.12	-475.25	3,574.86	1.67	363,833.02	1,663,738.34	N 39°29'34.13"	W 80°41'29.54"
	5,254.00	12.09	214.00	5,163.61	-319.92	-649.22	-485.69	3,662.01	1.59	363,817.61	1,663,726.73	N 39°29'33.97"	W 80°41'29.68"
	5,344.00	13.47	220.08	5,251.38	-326.96	-663.53	-498.30	3,749.78	0.63	363,801.64	1,663,712.88	N 39°29'33.81"	W 80°41'29.86"
	5,434.00	12.87	217.50	5,339.02	-334.36	-681.20	-511.15	3,837.42	0.43	363,786.20	1,663,700.86	N 39°29'33.66"	W 80°41'30.01"
	5,523.00	12.93	216.32	5,426.94	-341.72	-696.64	-523.17	3,924.24	0.49	363,770.51	1,663,689.95	N 39°29'33.50"	W 80°41'30.16"
	5,613.00	13.25	213.21	5,513.73	-349.68	-712.33	-534.48	4,012.13	1.13	363,753.88	1,663,679.10	N 39°29'33.34"	W 80°41'30.30"
	5,702.00	12.01	211.03	5,600.53	-358.86								



9,761.00	90.83	330.58	7,438.11	2,033.34	1,155.03	-2,066.12	5,936.51	0.43	365,637.76	1,662,158.00	N 39°29'51.76"	W 80°41'50.00"
9,851.00	90.61	331.22	7,436.98	2,123.32	1,233.66	-2,108.89	5,935.38	0.75	365,716.39	1,662,142.54	N 39°29'52.63"	W 80°41'50.58"
9,940.00	90.54	331.57	7,436.09	2,212.29	1,311.78	-2,152.49	5,934.46	0.40	365,734.82	1,662,071.63	N 39°29'53.29"	W 80°41'51.13"
10,030.00	90.86	331.71	7,434.98	2,302.25	1,390.58	-2,196.24	5,933.39	0.39	365,873.70	1,662,028.69	N 39°29'54.07"	W 80°41'51.89"
10,120.00	90.49	331.15	7,433.33	2,392.21	1,470.02	-2,238.28	5,932.33	0.75	365,952.73	1,661,985.65	N 39°29'54.85"	W 80°41'52.25"
10,210.00	90.61	329.51	7,433.07	2,481.21	1,547.34	-2,282.33	5,931.47	1.85	366,030.05	1,661,941.80	N 39°29'55.61"	W 80°41'53.00"
10,299.00	90.39	329.63	7,432.29	2,571.20	1,624.94	-2,327.91	5,930.69	0.28	366,107.65	1,661,898.22	N 39°29'56.37"	W 80°41'53.44"
10,388.00	90.19	330.64	7,431.84	2,660.20	1,702.12	-2,372.23	5,929.84	1.02	366,185.25	1,661,854.51	N 39°29'57.12"	W 80°41'54.00"
10,478.00	90.88	330.03	7,431.03	2,750.19	1,780.22	-2,416.77	5,929.04	1.16	366,262.02	1,661,810.73	N 39°29'57.89"	W 80°41'54.58"
10,568.00	90.46	329.63	7,429.93	2,840.18	1,858.08	-2,462.00	5,928.33	0.73	366,340.77	1,661,767.00	N 39°29'58.65"	W 80°41'55.17"
10,658.00	90.85	329.31	7,429.88	2,930.17	1,935.55	-2,507.88	5,927.28	0.47	366,418.23	1,661,723.27	N 39°29'59.41"	W 80°41'55.77"
10,747.00	90.29	330.05	7,428.00	3,019.17	2,012.37	-2,552.80	5,926.44	1.04	366,495.05	1,661,679.54	N 39°30'00.16"	W 80°41'56.36"
10,837.00	90.85	329.80	7,427.10	3,108.16	2,089.25	-2,597.69	5,925.59	0.68	366,571.87	1,661,635.81	N 39°30'00.91"	W 80°41'56.95"
10,926.00	90.22	329.50	7,425.69	3,198.16	2,166.23	-2,642.56	5,924.67	0.73	366,648.69	1,661,592.08	N 39°30'01.66"	W 80°41'57.53"
11,016.00	90.58	329.43	7,424.84	3,277.14	2,243.21	-2,687.43	5,923.74	1.10	366,725.51	1,661,548.35	N 39°30'02.41"	W 80°41'58.12"
11,105.00	90.38	329.92	7,424.10	3,356.14	2,320.19	-2,732.30	5,922.82	0.98	366,802.33	1,661,504.62	N 39°30'03.16"	W 80°41'58.71"
11,195.00	90.51	329.05	7,423.42	3,435.14	2,397.17	-2,777.17	5,921.90	1.26	366,879.15	1,661,460.89	N 39°30'03.91"	W 80°41'59.30"
11,284.00	90.69	328.74	7,422.48	3,514.14	2,474.15	-2,822.04	5,921.04	1.66	366,955.97	1,661,417.16	N 39°30'04.66"	W 80°41'59.89"
11,374.00	90.66	328.61	7,421.43	3,593.14	2,551.13	-2,866.91	5,920.18	1.80	367,032.79	1,661,373.43	N 39°30'05.41"	W 80°42'00.48"
11,464.00	90.66	328.61	7,421.43	3,672.14	2,628.11	-2,911.78	5,919.32	1.26	367,109.61	1,661,329.70	N 39°30'06.16"	W 80°42'01.07"
11,553.00	90.24	330.21	7,420.74	3,751.14	2,705.10	-2,956.65	5,918.46	1.30	367,186.43	1,661,285.97	N 39°30'06.91"	W 80°42'01.66"
11,643.00	90.79	329.18	7,419.93	3,830.14	2,782.08	-3,001.52	5,917.60	1.26	367,263.25	1,661,242.24	N 39°30'07.66"	W 80°42'02.25"
11,732.00	90.79	329.41	7,419.08	3,909.14	2,859.07	-3,046.39	5,916.74	1.08	367,340.07	1,661,198.51	N 39°30'08.41"	W 80°42'02.84"
11,822.00	90.25	329.53	7,417.89	4,004.07	2,938.06	-3,091.26	5,915.88	1.30	367,416.89	1,661,154.78	N 39°30'09.16"	W 80°42'03.43"
11,911.00	90.88	330.61	7,417.00	4,104.07	3,017.05	-3,136.13	5,915.02	0.88	367,493.71	1,661,111.05	N 39°30'09.91"	W 80°42'04.02"
12,001.00	90.37	329.82	7,416.03	4,203.05	3,096.04	-3,181.00	5,914.16	0.61	367,570.53	1,661,067.32	N 39°30'10.66"	W 80°42'04.61"
12,091.00	90.55	330.16	7,415.31	4,303.05	3,175.04	-3,225.87	5,913.30	0.43	367,647.35	1,661,023.59	N 39°30'11.41"	W 80°42'05.20"
12,180.00	90.66	329.83	7,414.37	4,402.05	3,254.03	-3,270.74	5,912.44	0.39	367,724.17	1,660,979.86	N 39°30'12.16"	W 80°42'05.79"
12,270.00	90.86	329.18	7,413.33	4,502.04	3,333.02	-3,315.61	5,911.58	0.72	367,800.99	1,660,936.13	N 39°30'12.91"	W 80°42'06.38"
12,359.00	90.88	329.33	7,412.13	4,602.03	3,412.01	-3,360.48	5,910.72	0.30	367,877.81	1,660,892.40	N 39°30'13.66"	W 80°42'06.97"
12,448.00	90.86	329.95	7,411.07	4,701.01	3,491.00	-3,405.35	5,909.86	0.63	367,954.63	1,660,848.67	N 39°30'14.41"	W 80°42'07.56"
12,538.00	91.32	330.28	7,409.05	4,800.99	3,570.99	-3,450.22	5,909.00	1.01	368,031.45	1,660,804.94	N 39°30'15.16"	W 80°42'08.15"
12,627.00	91.04	329.43	7,407.22	4,899.97	3,650.98	-3,495.09	5,908.14	1.48	368,108.27	1,660,761.21	N 39°30'15.91"	W 80°42'08.74"
12,716.00	91.34	330.06	7,405.35	4,999.95	3,730.97	-3,539.96	5,907.28	0.78	368,185.09	1,660,717.48	N 39°30'16.66"	W 80°42'09.33"
12,805.00	91.51	328.74	7,403.11	5,079.91	3,790.91	-3,584.83	5,906.42	0.99	368,261.91	1,660,673.75	N 39°30'17.41"	W 80°42'09.92"
12,894.00	91.19	329.56	7,401.02	5,168.89	3,870.00	-3,629.70	5,905.56	0.66	368,338.73	1,660,630.02	N 39°30'18.16"	W 80°42'10.51"
12,983.00	90.74	328.85	7,399.50	5,257.87	3,949.73	-3,674.57	5,904.70	1.05	368,415.55	1,660,586.29	N 39°30'18.91"	W 80°42'11.10"
13,072.00	91.50	329.49	7,397.74	5,346.85	4,028.00	-3,719.44	5,903.84	0.17	368,492.37	1,660,542.56	N 39°30'19.66"	W 80°42'11.69"
13,161.00	91.51	329.54	7,396.41	5,435.81	4,097.03	-3,764.31	5,903.00	0.51	368,569.19	1,660,498.83	N 39°30'20.41"	W 80°42'12.28"
13,250.00	91.59	329.99	7,395.27	5,524.77	4,176.76	-3,809.18	5,902.14	0.42	368,646.01	1,660,455.10	N 39°30'21.16"	W 80°42'12.87"
13,340.00	91.21	329.98	7,394.77	5,613.73	4,255.69	-3,854.05	5,901.28	0.54	368,722.83	1,660,411.37	N 39°30'21.91"	W 80°42'13.46"
13,430.00	91.23	330.16	7,393.88	5,702.73	4,334.69	-3,900.00	5,900.42	0.57	368,799.65	1,660,367.64	N 39°30'22.66"	W 80°42'14.05"
13,520.00	90.94	330.68	7,392.97	5,791.71	4,413.69	-3,945.87	5,899.56	0.49	368,876.47	1,660,323.91	N 39°30'23.41"	W 80°42'14.64"
13,610.00	90.53	330.71	7,392.02	5,880.69	4,492.69	-4,000.00	5,898.70	0.53	368,953.29	1,660,280.18	N 39°30'24.16"	W 80°42'15.23"
13,700.00	90.84	330.98	7,391.95	5,971.69	4,571.69	-4,054.87	5,897.84	0.35	369,030.11	1,660,236.45	N 39°30'24.91"	W 80°42'15.82"
13,790.00	90.63	330.12	7,391.80	6,062.69	4,650.69	-4,108.74	5,897.00	0.28	369,106.93	1,660,192.72	N 39°30'25.66"	W 80°42'16.41"
13,880.00	90.64	330.28	7,392.97	6,151.67	4,729.69	-4,162.61	5,896.14	0.45	369,183.75	1,660,148.99	N 39°30'26.41"	W 80°42'17.00"
13,970.00	90.62	330.63	7,392.14	6,240.66	4,798.69	-4,216.48	5,895.28	0.12	369,260.57	1,660,105.26	N 39°30'27.16"	W 80°42'17.59"
14,060.00	90.82	330.80	7,391.33	6,330.65	4,877.67	-4,270.35	5,894.42	0.93	369,337.39	1,660,061.53	N 39°30'27.91"	W 80°42'18.18"
14,150.00	90.86	330.64	7,390.57	6,420.65	4,956.67	-4,324.22	5,893.56	0.12	369,414.21	1,660,017.80	N 39°30'28.66"	W 80°42'18.77"
14,240.00	90.82	330.64	7,389.80	6,510.65	5,035.67	-4,378.09	5,892.70	0.83	369,491.03	1,660,000.00	N 39°30'29.41"	W 80°42'19.36"
14,330.00	90.18	330.73	7,389.22	6,600.61	5,114.69	-4,431.96	5,891.84	0.87	369,567.85	1,659,956.27	N 39°30'30.16"	W 80°42'19.95"
14,420.00	91.12	331.36	7,388.91	6,690.59	5,193.69	-4,485.83	5,891.00	1.27	369,644.67	1,659,912.54	N 39°30'30.91"	W 80°42'20.54"
14,510.00	90.84	329.57	7,388.37	6,781.57	5,272.69	-4,539.70	5,890.14	0.59	369,721.49	1,659,868.81	N 39°30'31.66"	W 80°42'21.13"
14,599.00	90.42	329.26	7,387.59	6,870.56	5,351.69	-4,593.57	5,889.28	1.47	369,798.31	1,659,825.08	N 39°30'32.41"	W 80°42'21.72"
14,689.00	90.61	330.57	7,386.98	6,960.55	5,430.69	-4,647.44	5,888.42	0.28	369,875.13	1,659,781.35	N 39°30'33.16"	W 80°42'22.31"
14,778.00	90.65	330.80	7,386.52	7,050.54	5,509.69	-4,701.31	5,887.56	0.72	369,951.95	1,659,737.62	N 39°30'33.91"	W 80°42'22.90"
14,868.00	90.40	330.21	7,386.17	7,139.53	5,588.69	-4,755.18	5,886.70	0.38	370,028.77	1,659,693.89	N 39°30'34.66"	W 80°42'23.49"
14,957.00	90.74	330.20	7,385.86	7,228.53	5,667.69	-4,809.05	5,885.84	1.26	370,105.59	1,659,650.16	N 39°30'35.41"	W 80°42'24.08"
15,047.00	90.67	331.31	7,385.79	7,317.51	5,746.69	-4,862.92	5,885.00	0.37	370,182.41	1,659,606.43	N 39°30'36.16"	W 80°42'24.67"
15,136.00	90.33	330.29	7,385.00	7,406.50	5,825.69	-4,916.79	5,884.14	1.19	370,259.23	1,659,562.70	N 39°30'36.91"	W 80°42'25.26"
15,226.00	90.61	330.11	7,384.27	7,495.49	5,899.90	-4,970.66	5,883.28	0.53	370,336.05	1,659,518.97	N 39°30'37.66"	W 80°42'25.85"
15,316.00	90.38	330.52	7,383.51	7,584.48	5,974.90	-5,024.53	5,882.42	0.19	370,412.87	1,659,475.24	N 39°30'38.41"	W 80°42'26.44"
15,405.00	90.42	330.68	7,382.90	7,673.47	6,049.90	-5,078.40	5,881.56	0.27	370,489.69	1,659,431.51	N 39°30'39.16"	W 80°42'27.03"
15,495.00	90.22	330.81	7,382.40	7,762.46	6,124.90	-5,132.27	5,880.70	0.80	370,566.51	1,659,387.78	N 39°30'39.91"	W 80°42'27.62"
15,585.00	90.54	331.46	7,381.80	7,851.45	6,200.90	-5,186.14	5,880.00	1.06	370,643.33	1,659,344.05	N 39°30'40.66"	W 80°42'28.21"
15,674.00	90.10	330.63	7,381.31	7,940.44	6,280.93	-5,239.99	5,879.14	0.39	370,720.15	1,659,300.32	N 39°30'41.41"	W 80°42'28.80"
15,764.00	90.75	330.68	7,380.43	8,029.43	6,359.97	-5,293.86	5,878.28	0.73	370,796.97	1,659,256.59	N 39°30'42.16"	W 80°42'29.39"
15,854.00	90.25	331.09	7,380									





**REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS**

2H  
1H  
4H  
3H  
6H  
5H  
8H  
7H

23'  
60'

8,800' SOUTH OF LATITUDE 39°32'30"  
12,920' WEST OF LONGITUDE 80°40'00"

**REFERENCES**

REILLY 4H  
N 65°25'17" W 195'  
S 54°33'21" E 233'

IRON PIN

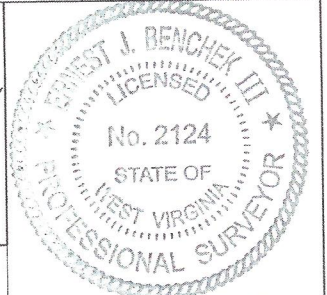
NTS

**REFERENCE NOTE**  
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records WETZEL County, West Virginia JANUARY 2022  
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
Drafted by E.A.H.

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: *[Signature]*

L.L.S. #2124 : Ernest J. Benchek III



FILE #: TRB1  
DRAWING #: 3070  
SCALE: PLAT: 1" = 1800'  
TICK: 1" = 2000'

MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304  
Well Type:  Oil  Waste Diposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: FISHING CREEK  
COUNTY/DISTRICT: WETZEL / GREEN  
SURFACE OWNER: J.S. BOOTH ESTATE AND DALLISON LUMBER  
OIL & GAS ROYALTY OWNER: JERRY MARTIN BOOTH AND TRIBUNE RESOURCES, LLC  
LEASE NUMBERS:

DATE: NOVEMBER 10, 2023  
OPERATOR'S WELL #: REILLY S GRN WZ 4H  
API WELL #: 47 103 03091  
STATE COUNTY PERMIT  
AS-BUILT ELEVATION: 1,474'

QUADRANGLE: CENTER POINT  
ACREAGE: 21.00 +/-  
ACREAGE: 1,042.0 +/-

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY):

TARGET FORMATION: MARCELLUS  
WELL OPERATOR: TRIBUNE RESOURCES, LLC  
ADDRESS: 3861 AMBASSADOR CAFFERY PARKWAY SUITE 600  
CITY: LAFAYETTE STATE: LA ZIP CODE: 70503

DRILLED DEPTH: TVD: 7,346' TMD: 18,160'  
DESIGNATED AGENT: HARMAN BROWN  
ADDRESS: 18396 MOUNTAINEER HIGHWAY  
CITY: WILEYVILLE STATE: WV ZIP CODE: 26581

04/19/2024

*[Handwritten mark]*



PROPERTY OWNER INDEX	
5-23-38	J S BOOTH ESTATE
5-23-33	J S BOOTH ESTATE
5-23-37	BERYL FLUHARTY ET AL
5-26-1	STATE OF WEST VIRGINIA
5-23-32	JOHN S. KNIGHT
5-23-25.1	ASCENT RESOURCES MARCELLUS
5-23-25	RICKY E. FLUHARTY
5-23-16	ANDERSON W. WILEY
5-23-24	JOHN S. KNIGHT
5-23-15	ASCENT RESOURCES MARCELLUS
5-23-14	MELINDA B. WOOLVINE ET AL
5-23-10	FRANCISE L. FLUHARTY
5-23-1	GERALD E. BOGGS ET AL
5-22-17	GERALD W. DULANEY
5-22-9	COASTAL FOREST RESOURCES
5-20-37	COASTAL FOREST RESOURCES

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A	MARC00702-000	G	MARC03104-193
B	MARC00746-000	H	MARC03104-104
C	MARC01113-001	I	MARC03104-084
D	MARC02997-000	J	MARC00735-001
E	MARC03094-000	K	MARC00756-000
F	MARC03104-118	L	MARC05000-003
		M	MARC04099-000

04/19/2024

FILE #: TRB1

DRAWING #: 3070

SCALE: N/A

DATE: NOVEMBER 10, 2023

OPERATOR'S WELL #: REILLY S GRN WZ 4H

API WELL #: 47 103 03091  
STATE COUNTY PERMIT