8000-FM-OOGM0005 Rev. 11/2024
Form

Pennsylvania Department of Environmental Protection

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

Site ID: 735895
Alt Site ID: HUMBERSTON UNIT 1H OG Well Pad

Auth ID: 1514398

NOTICE OF INTENTION BY WELL OPERATOR TO PLUG A WELL

☒ Well Operator ☐ Coal Operator	OGO No.	U.S. Well No. (Permit / Reg)	Date Drilled (If known)
	68579	37-051-~~24207~~ 24367	1/31/2011

Name			Well Farm Name	
LPR ENERGY LLC			HUMBERSTON UNIT	
Address		Telephone No.	Well No.	Well Serial No.
PO BOX 192009		8147656300	1H	
City	State	Zip Code	County	
DALLAS	TX	75219	FAYETTE	
☒ Agent (contractor) acting on behalf of the operator named above.			Municipality	
HOWARD DRILLING LLC			HENRY CLAY	
Address		Telephone No.	Latitude (DD)	Longitude (DD)
PO BOX N, 11 BRIDGE STREET		814-778-5820	39.740383	- 79.439622
City	State	Zip Code	*Attach well record if not previously submitted.*	
MOUNT JEWETT	PA	16740		

Complete this section if applicable. Prior to abandoning any well in an area underlain by a workable coal seam, the well operator or owner shall notify the coal operator, lessee, or owner of the intention to plug and abandon the well, and shall submit a plat showing the location and affix the date and time at which the work of plugging will commence.

Coal: ☐ Operator ☒ Owner ☐ Lessee	Coal: ☐ Operator ☐ Owner ☐ Lessee	Coal: ☐ Operator ☐ Owner ☐ Lessee
Name: JAMES F. HUMBERSTON	Name:	Name:
Address: 115 12TH AVE. E.	Address:	Address:
City, State, Zip Code: PALMETTO, FL 34221	City, State, Zip Code:	City, State, Zip Code:
Telephone No.: 412-841-6050 Notified? ☒Yes ☐No	Telephone No.: Notified? ☐Yes ☐No	Telephone No.: Notified? ☐Yes ☐No
This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. *Signature:*	This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. *Signature:*	This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. *Signature:*

Scheduled Date and Time of Plugging

Plugging is scheduled to begin on *(date)* 2/5/2025 at *(time)* 7:30AM

☒ **CHECK BLOCK IF THIS WELL IS BEING PLUGGED PERSUANT TO MINE THROUGH STANDARDS OF ACT 214 of 1984 (REVISED 2011) AND the 2012 Oil & Gas Act.**

Checklist and Additional Attached Information

- ☒ Location Plat
- ☐ Current Well Record
- ☒ Available Well Record
- ☐ Application for Approval of Alternate Method of Plugging
- ☒ Mine - Through
- ☒ Other, describe: PROCEDURE

Signature of Applicant (Operator or Agent)

Signature: Adam Schoppe Date: 1/28/2025

Print or Type Signer's Name and Title: ADAM SCHOPPE

2/4/25

5500-PM-OG0002-DWG Rev. 09/2008

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program

WELL LOCATION PLAT

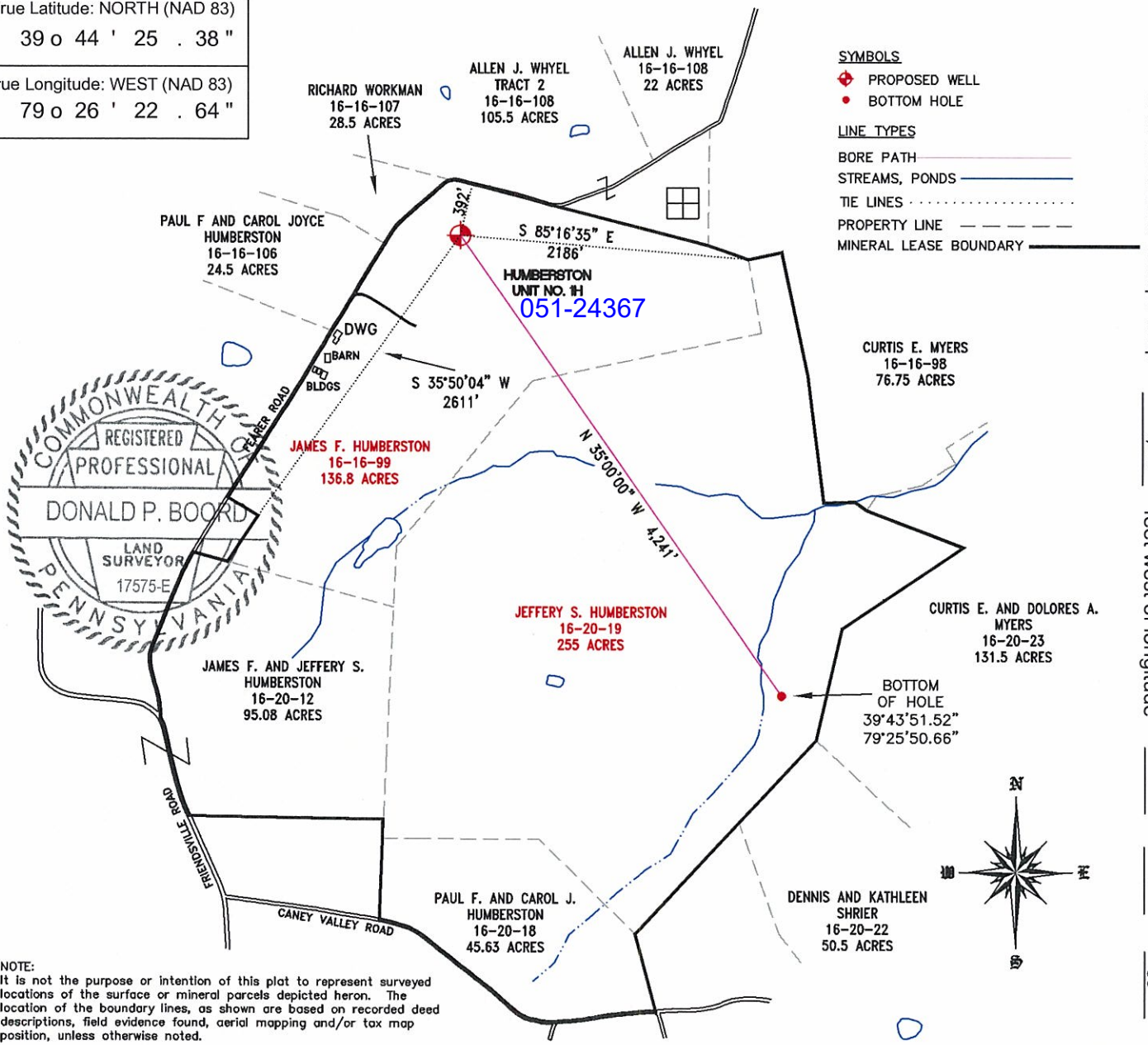
DEP USE ONLY	DEP Application Tracking #	G:
	Permit #	C:
	Project #	

Denotes location of well on topo map.

True Latitude: NORTH (NAD 83)
39 o 44 ' 25 . 38 "

True Longitude: WEST (NAD 83)
79 o 26 ' 22 . 64 "

Well is located on topo map 3,510 feet south of latitude 39° 45' 00"



NOTE:
It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted heron. The location of the boundary lines, as shown are based on recorded deed descriptions, field evidence found, aerial mapping and/or tax map position, unless otherwise noted.

Surveyor or Engineer: BOORD, BENCHEK and ASSOC. DONALD P. BOORD P.L.S. Phone # 724-746-1105 Dwg. # 1406 DATE: MAY 12, 2010 Scale 1" = 1200'

ZONING = NONE
Tract ACREAGE 391.8 +/-

Lat. & Long Metadata Method GPSKN Accuracy 4' Datum NAD83		Elevation Metadata Method GPSKN Accuracy 6' Datum NAVD88	Survey Date APRIL 16, 2010
Applicant / Well Operator Name: CHIEF OIL & GAS LLC	DEP. ID #258445	Well(Farm) Name: HUMBERSTON UNIT	Well # 1H / Serial #
Address: 5956 SHERRY LANE, DALLAS, TX 75225		County – Code: FAYETTE – 26 / Municipality: HENRY CLAY TWP.	WELL TYPE: GAS
Surface Landowner/Lessor: PAUL F. AND CAROL J. HUMBERSTON/ JAMES F. AND TENNILLE L. HUMBERSTON		USGS 71/2 Quadrangle Map Name: FRIENDSVILLE, MD / Map Section: 2	Surface Elevation: 2,000 ft.
Target Formation(s): MARCELLUS		Angle & Course of Deviation (Drilling): HORIZONTAL–90 N 35°00'00" W @ 4,241'	Anticipated Total Depth: TVD: 9,500' TMD: 13,536'

Surface Owner or Water Purveyor with a Water Supply within 1,000 ft.	Approximate Course and Distance to Water Supply	Owner, Lessee, or Operator of Workable Coal Seam	Name of Coal Seam Owned, Leased, or Operated
		1/2 PAUL F. AND CAROL J. HUMBERSTON	UPPER FREEPORT
		1/2 JAMES F. AND TENNILLE HUMBERSTON	UPPER FREEPORT

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

Well Record and Completion Report

DEP USE ONLY	
Site ID	Primary Fac ID
Client Id	Subfacility Id

Well Operator	DEP ID#	Well API # (Permit / Reg)	Project Number	Acres
Chief Oil & Gas LLC	258445	37-051-24367-00		

Address	Well Farm Name	Well #	Serial #
5956 Sherry Lane STE 1500	Humberston Unit	1H	

City	State	Zip Code	County	Municipality
Dallas	TX	75225	Fayette	Henry Clay

Phone	Fax	USGS 7.5 min. quadrangle map
214-265-9590	214-265-9593	Friendsville MD

Check all that apply: ☒ Original Well Record ☒ Original Completion Report ☐ Amended Well Record ☐ Amended Completion Report

WELL RECORD

Also complete the Log of Formations on back (page 2)

Well Type ☒ Gas ☐ Oil ☐ Combination Oil & Gas ☐ Injection ☐ Storage ☐ Disposal

Drilling Method ☒ Rotary – Air ☒ Rotary – Mud ☐ Cable Tool

Date Drilling Started	Date Drilling Completed	Surface Elevation	Total Depth – Driller	Total Depth - Logger
1/31/11	4/04/11	2000 ft.	12683 ft.	12683 ft.

Casing and Tubing

Cement returned on surface casing? ☒ Yes ☐ No
Cement returned on coal protective casing? ☐ Yes ☐ No ☒ N/A

Hole Size	Pipe Size	Wt.	Thread / Weld	Amount in Well (ft)	*Material Behind Pipe* Type and Amount	*Packer / Hardware / Centralizers* Type	Size	Depth	Date Run
22	20		Wld	95(GL)	Sanded In	None		95	1/31/11
17 1/2	13 3/8	54.5	Thr	565 (GL)	430sx Class 1 + Additives	FloatShoe	13 3/8	565	2/02/11
						Centralizer	13 3/8	565-0	02/02/11
12 1/4	9 5/8	36	Thr	1813(KB)	604sx Class 1 + Additives	FloatCollar	9 5/8	1764	2/06/11
						Float Shoe	9 5/8	1811	2/06/11
					SURF STRING & INTERMEDIATE	Centralizer	9 5/8	1813-0	2/06/11

COMPLETION REPORT

Perforation Record

Date	Interval Perforated From	To
5/27/11	12274	12636
5/28/11	11862	12224

Stimulation Record

Date	Interval Treated	*Fluid* Type	Amount	*Propping Agent* Type	Amount	Average Injection Rate
5/27/11	12274 - 12636	BFW	9,950	100Mesh	185,700	90.3
		(Treated)		40/70Sd	190,300	
				30/50Sd	181,500	
5/28/11	11862 - 12224	BFW	9,840	100Mesh	200,200	90.1
		(Treated)		40/70Sd	204,400	
				30/50Sd	198,700	

Natural Open Flow	Natural Rock Pressure	Hours	Days
After Treatment Open Flow	After Treatment Rock Pressure	Hours	Days

Well Service Companies -- Provide the name, address, and phone number of all well service companies involved.

Name	Address	City - State – Zip	Phone
Union Drilling, LP	Rt 33 West Mudlick PO Drawer 40	Buchannon, WV 26201	304-472-4610
Appalachian Drilling Company	1200 Heavy Haul Rd	Morgan Town, WV 26501	304-772-2310
BJ Services, USa	660 Longview Rd	Fairmont City, PA 16224	814-365-2003

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

Well Record and Completion Report

DEP USE ONLY	
Site ID	Primary Fac ID
Client Id	Subfacility Id

Well Operator: Chief Oil & Gas LLC		DEP ID#: 258445	Well API # (Permit / Reg): 37-051-24367-00	Project Number	Acres
Address: 5956 Sherry Lane STE 1500			Well Farm Name: Humberston Unit	Well #: 1H	Serial #
City: Dallas	State: TX	Zip Code: 75225	County: Fayette	Municipality: Henry Clay	
Phone: 214-265-9590	Fax: 214-265-9593		USGS 7.5 min. quadrangle map: Friendsville MD		

Check all that apply: ☒ Original Well Record ☒ Original Completion Report ☐ Amended Well Record ☐ Amended Completion Report

WELL RECORD

Also complete the Log of Formations on back (page 2)

Well Type: ☒ Gas ☐ Oil ☐ Combination Oil & Gas ☐ Injection ☐ Storage ☐ Disposal

Drilling Method: ☒ Rotary – Air ☒ Rotary – Mud ☐ Cable Tool

Date Drilling Started	Date Drilling Completed	Surface Elevation	Total Depth – Driller	Total Depth - Logger
1/31/11	4/04/11	2000 ft.	12683 ft.	12683 ft.

Casing and Tubing

Cement returned on surface casing? ☒ Yes ☐ No
Cement returned on coal protective casing? ☐ Yes ☐ No ☒ N/A

Hole Size	Pipe Size	Wt.	Thread / Weld	Amount in Well (ft)	*Material Behind Pipe* Type and Amount	*Packer / Hardware / Centralizers* Type	Size	Depth	Date Run
8 3/4-	5 1/2	20	Thr	12682(KB)	1193sx 50/50 Type 1 + Additives	FloatCollar	5 1/2	12659	4/03/11
7 7/8					408sx Class H + Additives	Float Shoe	5 1/2	12678	4/03/11
						Centralizer	5 1/2	12682-	4/03/11
								3800	
					PRODUCTION STRING				

COMPLETION REPORT

Perforation Record			Stimulation Record					
Date	Interval Perforated From	To	Date	Interval Treated	*Fluid* Type	Amount	*Propping Agent* Type	Amount	Average Injection Rate
				COMPLETION					
				PENDING					

Natural Open Flow		Natural Rock Pressure	Hours / Days
After Treatment Open Flow		After Treatment Rock Pressure	Hours / Days

Well Service Companies – Provide the name, address, and phone number of all well service companies involved.

Name: Superior Well Services	Name	Name
Address: 333 Technology Drive Suite 260	Address	Address
City - State – Zip: Canonsburg, PA 15317	City - State – Zip	City - State – Zip
Phone: 724-746-2414	Phone	Phone

LOG OF FORMATIONS

Well API#: 37-051-24367-00

(If you will need more space than this page, please photocopy the blank form before filling it in.)

Formation Name or Type	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
Sand & Shale	0	3200				Drillers Log
Sand	3200	3300				Drillers Log
Shale	3300	3350				Drillers Log
Silt	3350	3950				Drillers Log
Sand & Shale	3950	4080				Drillers Log
Silt	4080	4220				Drillers Log
Sand & Shale	4220	4850				Drillers Log
Shale	4850	4950				Drillers Log
Sand & Shale	4950	5200				Drillers Log
Sand	5200	5300				Drillers Log
Sand & Shale	5300	7893				Drillers Log
Burkett	7893	7971				Gamma Log
Tully	7971	7974				Gamma Log
Hamilton	7974	8434				Gamma Log
Marcellus	8434	8687				Gamma Log
Purcell	8687	8830				Gamma Log
Lower Marcellus	8830					Gamma Log

I do hereby certify to the best of my knowledge, information and belief that the well identified on this Well Record and Completion Report has been properly cased and cemented in accordance with the requirements of 25 Pa. Code Chapter 78 and any conditions contained in the permit for this well. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator's Signature

LINDA Ray

Title: Regulator Affairs Coordinator

Date: 6/3/11

DEP USE ONLY

Reviewed by: Date:

Comments:

CHIEF OIL & GAS LLC

Chief Oil & Gas - AM

Fayette County, PA
Humberston Unit
Humberston Unit 1H

Wellbore #1

Survey: MWD

DDC Survey Report

04 April, 2011

DDC
The DIRECTIONAL DRILLING COMPANY

Company:	Chief Oil & Gas - AM	**Local Co-ordinate Reference:**	Well Humberston Unit 1H
Project:	Fayette County, PA	**TVD Reference:**	Well @ 2019.0usft (UDI#59)
Site:	Humberston Unit	**MD Reference:**	Well @ 2019.0usft (UDI#59)
Well:	Humberston Unit 1H	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Project	Fayette County, PA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Pennsylvania Southern Zone		

Site	Humberston Unit				
Site Position:		**Northing:**	152,829.32 usft	**Latitude:**	39° 44' 25.380 N
From:	Lat/Long	**Easting:**	1,493,354.52 usft	**Longitude:**	79° 26' 22.640 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	-1.10 °

Well	Humberston Unit 1H					
Well Position	**+N/-S**	0.0 usft	**Northing:**	152,829.29 usft	**Latitude:**	39° 44' 25.380 N
	+E/-W	0.0 usft	**Easting:**	1,493,354.52 usft	**Longitude:**	79° 26' 22.640 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	2,000.0 usft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	3/21/2011	-9.35	67.33	52,708

Design	Wellbore #1					
Audit Notes:						
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**		0.0
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**		
	0.0	0.0	0.0	145.00		

Survey Program **Date** 4/4/2011

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	7,470.0	GYRO (Wellbore #1)	MWD default	MWD - Standard
7,586.0	12,683.0	MWD (Wellbore #1)	MWD default	MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Tie-In									
7,470.0	1.24	126.15	7,468.8	9.0	-68.5	-46.6	0.00	0.00	0.00
7,586.0	0.90	119.00	7,584.8	7.8	-66.7	-44.6	0.31	-0.29	-6.16
7,649.0	1.60	120.80	7,647.7	7.1	-65.5	-43.4	1.11	1.11	2.86
7,713.0	1.90	132.20	7,711.7	5.9	-63.9	-41.5	0.72	0.47	17.81
7,776.0	2.30	134.60	7,774.7	4.3	-62.3	-39.3	0.65	0.63	3.81
7,839.0	2.50	131.30	7,837.6	2.5	-60.3	-36.7	0.39	0.32	-5.24
7,871.0	2.50	137.50	7,869.6	1.6	-59.3	-35.3	0.84	0.00	19.38
7,903.0	3.00	125.60	7,901.5	0.6	-58.2	-33.8	2.36	1.56	-37.19
7,934.0	7.00	109.00	7,932.4	-0.5	-55.7	-31.5	13.59	12.90	-53.55

Company:	Chief Oil & Gas - AM	**Local Co-ordinate Reference:**	Well Humberston Unit 1H
Project:	Fayette County, PA	**TVD Reference:**	Well @ 2019.0usft (UDI#59)
Site:	Humberston Unit	**MD Reference:**	Well @ 2019.0usft (UDI#59)
Well:	Humberston Unit 1H	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,966.0	11.20	107.00	7,964.0	-2.1	-50.9	-27.5	13.16	13.13	-6.25
7,998.0	15.10	101.00	7,995.2	-3.8	-43.9	-22.1	12.90	12.19	-18.75
8,030.0	19.00	94.00	8,025.8	-4.9	-34.6	-15.8	13.75	12.19	-21.88
8,061.0	23.10	86.10	8,054.7	-4.9	-23.5	-9.5	16.06	13.23	-25.48
8,093.0	27.20	80.90	8,083.7	-3.3	-10.0	-3.0	14.54	12.81	-16.25
8,125.0	30.30	82.70	8,111.7	-1.1	5.3	3.9	10.06	9.69	5.63
8,156.0	30.30	92.00	8,138.5	-0.4	20.8	12.3	15.12	0.00	30.00
8,188.0	30.00	102.70	8,166.2	-2.4	36.7	23.0	16.80	-0.94	33.44
8,219.0	32.10	106.90	8,192.7	-6.5	52.2	35.3	9.73	6.77	13.55
8,251.0	36.30	104.90	8,219.2	-11.4	69.5	49.2	13.59	13.13	-6.25
8,282.0	40.90	102.50	8,243.4	-16.0	88.3	63.7	15.60	14.84	-7.74
8,314.0	46.20	100.00	8,266.6	-20.3	109.9	79.6	17.41	16.56	-7.81
8,346.0	51.80	97.70	8,287.6	-24.0	133.7	96.3	18.32	17.50	-7.19
8,378.0	55.30	96.30	8,306.6	-27.1	159.3	113.5	11.49	10.94	-4.38
8,409.0	57.30	94.70	8,323.8	-29.5	184.9	130.3	7.75	6.45	-5.16
8,441.0	59.20	93.70	8,340.6	-31.5	212.1	147.5	6.50	5.94	-3.13
8,473.0	61.00	94.60	8,356.6	-33.5	239.7	165.0	6.13	5.63	2.81
8,504.0	64.20	96.30	8,370.9	-36.2	267.1	182.9	11.41	10.32	5.48
8,536.0	68.00	97.40	8,383.8	-39.7	296.2	202.4	12.28	11.88	3.44
8,568.0	71.70	97.00	8,394.8	-43.4	326.0	222.5	11.62	11.56	-1.25
8,599.0	73.40	96.80	8,404.1	-47.0	355.3	242.3	5.52	5.48	-0.65
8,631.0	77.20	97.80	8,412.3	-50.9	386.0	263.1	12.25	11.88	3.13
8,663.0	79.50	101.00	8,418.7	-56.0	416.9	285.1	12.15	7.19	10.00
8,695.0	79.40	103.60	8,424.6	-62.7	447.7	308.2	7.99	-0.31	8.13
8,726.0	79.70	106.90	8,430.2	-70.8	477.1	331.6	10.51	0.97	10.65
8,758.0	80.60	112.20	8,435.7	-81.3	506.8	357.3	16.56	2.81	16.56
8,790.0	82.50	117.10	8,440.4	-94.5	535.5	384.6	16.27	5.94	15.31
8,822.0	84.60	122.40	8,444.0	-110.3	563.1	413.3	17.72	6.56	16.56
8,853.0	85.20	127.30	8,446.7	-127.9	588.5	442.3	15.86	1.94	15.81
8,885.0	84.50	132.70	8,449.6	-148.4	612.9	473.1	16.95	-2.19	16.88
8,917.0	83.80	138.80	8,452.9	-171.2	635.1	504.5	19.09	-2.19	19.06
8,948.0	83.50	140.80	8,456.3	-194.7	655.0	535.2	6.48	-0.97	6.45
8,980.0	84.60	141.50	8,459.6	-219.5	674.9	566.9	4.07	3.44	2.19
9,012.0	86.70	142.70	8,462.1	-244.7	694.5	598.8	7.55	6.56	3.75
9,044.0	87.50	143.10	8,463.7	-270.2	713.8	630.7	2.79	2.50	1.25
9,075.0	87.80	143.20	8,464.9	-294.9	732.4	661.7	1.02	0.97	0.32
9,107.0	89.10	144.10	8,465.8	-320.7	751.3	693.7	4.94	4.06	2.81
9,139.0	91.50	144.50	8,465.6	-346.7	770.0	725.7	7.60	7.50	1.25
9,170.0	92.20	145.00	8,464.6	-372.0	787.9	756.6	2.77	2.26	1.61
9,233.0	92.30	147.00	8,462.2	-424.2	823.1	819.6	3.18	0.16	3.17
9,297.0	92.80	150.50	8,459.3	-478.8	856.3	883.4	5.52	0.78	5.47
9,360.0	91.90	152.20	8,456.7	-534.1	886.4	945.9	3.05	-1.43	2.70
9,424.0	90.90	152.70	8,455.2	-590.8	916.0	1,009.4	1.75	-1.56	0.78

Company:	Chief Oil & Gas - AM	**Local Co-ordinate Reference:**	Well Humberston Unit 1H
Project:	Fayette County, PA	**TVD Reference:**	Well @ 2019.0usft (UDI#59)
Site:	Humberston Unit	**MD Reference:**	Well @ 2019.0usft (UDI#59)
Well:	Humberston Unit 1H	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,487.0	91.40	152.90	8,453.9	-646.8	944.8	1,071.8	0.85	0.79	0.32
9,551.0	91.70	153.50	8,452.2	-703.9	973.7	1,135.1	1.05	0.47	0.94
9,614.0	89.20	151.50	8,451.7	-759.8	1,002.7	1,197.5	5.08	-3.97	-3.17
9,678.0	89.80	151.80	8,452.2	-816.1	1,033.1	1,261.1	1.05	0.94	0.47
9,741.0	91.70	153.80	8,451.4	-872.1	1,061.9	1,323.5	4.38	3.02	3.17
9,804.0	91.50	154.50	8,449.7	-928.8	1,089.4	1,385.7	1.16	-0.32	1.11
9,868.0	90.60	153.10	8,448.5	-986.2	1,117.6	1,448.9	2.60	-1.41	-2.19
9,931.0	88.20	150.50	8,449.1	-1,041.7	1,147.4	1,511.5	5.62	-3.81	-4.13
9,994.0	90.20	149.90	8,450.0	-1,096.4	1,178.7	1,574.2	3.31	3.17	-0.95
10,058.0	92.20	151.20	8,448.7	-1,152.1	1,210.2	1,637.9	3.73	3.13	2.03
10,121.0	92.20	151.70	8,446.3	-1,207.4	1,240.3	1,700.4	0.79	0.00	0.79
10,185.0	92.30	152.00	8,443.8	-1,263.8	1,270.4	1,763.9	0.49	0.16	0.47
10,248.0	91.70	152.50	8,441.6	-1,319.5	1,299.7	1,826.4	1.24	-0.95	0.79
10,310.0	90.40	152.60	8,440.4	-1,374.5	1,328.3	1,887.8	2.10	-2.10	0.16
10,373.0	88.80	150.40	8,440.9	-1,429.9	1,358.4	1,950.4	4.32	-2.54	-3.49
10,436.0	88.00	150.60	8,442.6	-1,484.7	1,389.4	2,013.1	1.31	-1.27	0.32
10,500.0	88.50	151.00	8,444.6	-1,540.5	1,420.6	2,076.8	1.00	0.78	0.63
10,563.0	89.30	151.60	8,445.8	-1,595.8	1,450.8	2,139.4	1.59	1.27	0.95
10,627.0	89.30	152.00	8,446.6	-1,652.2	1,481.1	2,202.9	0.62	0.00	0.63
10,690.0	88.20	151.30	8,447.9	-1,707.6	1,511.0	2,265.5	2.07	-1.75	-1.11
10,754.0	88.80	152.30	8,449.6	-1,764.0	1,541.2	2,329.0	1.82	0.94	1.56
10,818.0	87.70	152.10	8,451.6	-1,820.6	1,571.1	2,392.5	1.75	-1.72	-0.31
10,880.0	87.30	152.60	8,454.3	-1,875.5	1,599.8	2,453.9	1.03	-0.65	0.81
10,944.0	87.30	153.60	8,457.3	-1,932.5	1,628.7	2,517.2	1.56	0.00	1.56
11,008.0	85.90	153.60	8,461.1	-1,989.7	1,657.1	2,580.3	2.19	-2.19	0.00
11,071.0	86.10	153.70	8,465.5	-2,046.0	1,685.0	2,642.5	0.35	0.32	0.16
11,134.0	85.80	153.60	8,469.9	-2,102.3	1,712.9	2,704.6	0.50	-0.48	-0.16
11,197.0	86.30	151.90	8,474.3	-2,158.2	1,741.7	2,766.9	2.81	0.79	-2.70
11,261.0	86.50	151.90	8,478.3	-2,214.5	1,771.8	2,830.3	0.31	0.31	0.00
11,324.0	88.70	152.20	8,480.9	-2,270.1	1,801.3	2,892.8	3.52	3.49	0.48
11,387.0	89.70	152.40	8,481.8	-2,325.9	1,830.6	2,955.2	1.62	1.59	0.32
11,450.0	89.00	151.50	8,482.5	-2,381.5	1,860.2	3,017.8	1.81	-1.11	-1.43
11,512.0	88.30	151.10	8,484.0	-2,435.9	1,889.9	3,079.4	1.30	-1.13	-0.65
11,575.0	87.70	151.20	8,486.2	-2,491.0	1,920.3	3,142.0	0.97	-0.95	0.16
11,639.0	87.70	150.90	8,488.7	-2,547.0	1,951.3	3,205.6	0.47	0.00	-0.47
11,702.0	86.80	152.20	8,491.8	-2,602.3	1,981.3	3,268.1	2.51	-1.43	2.06
11,769.0	86.90	153.30	8,495.5	-2,661.8	2,011.9	3,334.4	1.65	0.15	1.64
11,828.0	86.80	152.40	8,498.7	-2,714.2	2,038.8	3,392.7	1.53	-0.17	-1.53
11,892.0	87.90	152.00	8,501.7	-2,770.7	2,068.6	3,456.2	1.83	1.72	-0.63
11,955.0	89.20	151.70	8,503.2	-2,826.3	2,098.3	3,518.7	2.12	2.06	-0.48
12,019.0	90.60	152.90	8,503.4	-2,882.9	2,128.0	3,582.2	2.88	2.19	1.88
12,082.0	91.10	153.30	8,502.4	-2,939.1	2,156.5	3,644.5	1.02	0.79	0.63
12,146.0	90.10	152.90	8,501.8	-2,996.2	2,185.5	3,707.9	1.68	-1.56	-0.63

Company:	Chief Oil & Gas - AM	**Local Co-ordinate Reference:**	Well Humberston Unit 1H
Project:	Fayette County, PA	**TVD Reference:**	Well @ 2019.0usft (UDI#59)
Site:	Humberston Unit	**MD Reference:**	Well @ 2019.0usft (UDI#59)
Well:	Humberston Unit 1H	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,209.0	89.90	152.10	8,501.8	-3,052.1	2,214.6	3,770.3	1.31	-0.32	-1.27
12,272.0	91.10	153.50	8,501.2	-3,108.1	2,243.4	3,832.8	2.93	1.90	2.22
12,335.0	91.40	152.80	8,499.8	-3,164.3	2,271.8	3,895.1	1.21	0.48	-1.11
12,398.0	91.30	152.50	8,498.3	-3,220.2	2,300.8	3,957.5	0.50	-0.16	-0.48
12,461.0	90.20	151.40	8,497.5	-3,275.8	2,330.4	4,020.1	2.47	-1.75	-1.75
12,525.0	88.70	150.70	8,498.1	-3,331.8	2,361.4	4,083.7	2.59	-2.34	-1.09
12,588.0	89.20	151.20	8,499.3	-3,386.9	2,392.0	4,146.3	1.12	0.79	0.79
12,620.0	90.40	151.40	8,499.4	-3,415.0	2,407.3	4,178.1	3.80	3.75	0.63
TD									
12,683.0	90.40	151.40	8,499.0	-3,470.3	2,437.5	4,240.8	0.00	0.00	0.00

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
7,470.0	7,468.8	9.0	-68.5	Tie-In
12,683.0	8,499.0	-3,470.3	2,437.5	TD

Checked By: _____ Approved By: _____ Date: _____

LPR Energy – Humberston Coal P&A Procedure

1) Cement Casing Cut Point - Cement casing cut points with 10 sacks from 4820’-4720’ (100’)
2) Gelled water - 3.5bbls gelled water from 4720’-4565’ (155’)
3) Perf & Cement - 4565’-4490’, 3 shots (2 shots/50’), cement with 8 sacks (10% excess)
4) Gelled Water - 4bbls gelled water from 4490’-4305’ (185’)
5) Perf & Cement - 4305’-4230’, 3 shots (2 shots/50’), cement with 8 sacks (10% excess)
6) Gelled Water - 4bbls gelled water from 4230’-4050’ (180’)
7) Perf & Cement - 4050’-3850’, 8 shots (4 shots/100’), 22 sacks (10% excess)
8) Gelled Water - 10bbls gelled water from 3850’-3400’ (450’)
9) Perf & Cement - 3400’-3100’, 12 shots (4 shots/100’), 32 sacks (10% excess)
10) Gelled Water - 7bbls gelled water from 3100’-2800’ (300’)
11) Perf & Cement - 2800’-2400’, 16 shots (4 shots/100’), 43 sacks (10% excess)
12) Gelled Water - 11bbls gelled water from 2400’-1900’ (500’)
13) 9-5/8” Casing Shoe Perf & Cement - 1900’-1700’, 8 shots (4 shots/100’), 22 sacks (10% excess)
14) Gelled Water - 9bbls gelled water from 1700’-1300’ (400’)
15) Cut 5-1/2” Casing - Cut 5-1/2” casing @ 1300’ and remove
16) CIBP - Set 9-5/8” Cast Iron Bridge Plug @ 1300’
17) Cement - Cement from 1300’-1200’, 35 sacks
18) Gelled Water - 50bbls gelled water from 1200’-650’ (550’)
19) 13-3/8” Casing Shoe Cement - Cement from 650-450, 69 sacks
20) Top Hole – Blow dry; install vented marker 72” above GL

LPR ENERGY, LLC
P.O. Box 403 DuBois, PA 15801
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www.lprenergy.com

LPR ENERGY

January 28, 2025

James F. Humberston

115 12th Ave E.

Palmetto, FL 34221

RE: Notice of Intent to Plug – Humberston 1H - API 37-111-20297-00

Mr. Humberston,

The records of Fayette County indicate that you are the owner of all of the coal seams underlying or penetrated by the Humberston 1H Well, API #37-051-24267. Attached please find a copy of the well plat. LPR Energy LLC ("LPR") intends to plug and abandon the Humberston 1H Well and is required by law to advise you of its intent to do so.

We have also included a copy of our Notice of Intention by Well Operator to Plug a Well ("NOI"). We plan to commence plugging operations on 2/5/2025.

Should you have any questions please feel free to contact the undersigned at 814-765-6300 x 205 or by email at bob@lprenergy.com.

Robert J. Liddle



Enclosures
Location Plat
Notice of Intent to Plug