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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, November 22, 2024  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for HAMILL 506405  
47-059-01815-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number:  
Farm Name: HAMILL ESTATE  
U.S. WELL NUMBER: 47-059-01815-00-00  
Vertical Plugging  
Date Issued: 11/22/2024

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# PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

## CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

1) Date October 31, 2024  
2) Operator's  
Well No. Hamill Goody Koontz 506405  
3) API Well No. 47-059-01815

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil  / Gas  / Liquid injection  / Waste disposal  /  
(If "Gas, Production  or Underground storage  ) Deep  / Shallow

5) Location: Elevation 1588.78' Watershed Tributary of Guyandotte River  
District Stafford County Mingo Quadrangle Gilber 7.5'

6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey  
Address 414 Summers Street Address 414 Summers St.  
Charleston, WV 25301 Charleston, WV 25301

8) Oil and Gas Inspector to be notified Name Brian Warden  
Address 49 Elk Creek Rd.  
Delbarton, WV 25670  
9) Plugging Contractor Name Next LVL Energy (Diversified Owned)  
Address 104 Helliport Loop Rd  
Bridgeport, WV 25330

10) Work Order: The work order for the manner of plugging this well is as follows:

**See Attached**

*to DIFP  
Strandberg*

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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector *[Signature]* Date 11/13/24

## Plugging Prognosis

API #: 47-059-01815

West Virginia, Mingo County

Lat/Long – 37.630511, -81.859436

Nearest ER: Logan Regional Medical Center - Emergency Room – 20 Hospital Dr, Logan, WV 25601

## Casing Schedule

12-3/4" @ 22' – No Cementing Information

9-5/8" @ 447' – Cemented w/ 201.15 ft<sup>3</sup> – ETOC @ Surface using 11-3/4" Hole

7" @ 2521' – Cemented w/ 496.65 ft<sup>3</sup> – ETOC @ Surface using 8-3/4" Hole

4-1/2" @ 5372' – Cemented w/ 437.5 ft<sup>3</sup> – ETOC @ 1736' using 6-1/2" Hole  
TD @ 5400'

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Completion: Lower Huron – 4871'-5324' – 48 Perfs – 600 gal 7.5% acid, 1,053,270 scf N<sub>2</sub>

Berea – 3834'-3853' – 20 Perfs – 850 gal 15% HCL, 143 bbl H<sub>2</sub>O, 305,922 scf N<sub>2</sub>, 356 sks sand

Big Lime – 3026'-3261' – 20 Perfs – 75Q Foam, 164.5 bbl H<sub>2</sub>O, 405,879 scf N<sub>2</sub>, 258 sks sand

Fresh Water: None Reported

Salt Water: None Reported

Gas Shows: None Reported

Oil Shows: None Reported

Coal: 90'-91', 145'-146', 160'-161', 285'-286', 330'-332', 360'-362', 685'-686', 895'-896', 1725'-1727', 1785'-1787' – Workable Coal Seams Highlighted Yellow

Elevation: 1599'

1. Notify Inspector Brian Warden @ 304-205-3229, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Blow down well. Kill w/ fluid if necessary.
4. Check TD w/ sandline/tbg.
5. Pump Gel between each plug.
6. TIH w/ tbg to 5390'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 20 bbls gel. Pump 573' Class L/Class A cement plug from **5390' to 4817' (Completion Plug – Lower Huron)**. Approximately 46 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
7. TOOH w/ tbg to 3903'. Pump 122' Class L/Class A cement plug from **3903' to 3781' (Completion Plug – Berea)**. Approximately 10 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
8. TOOH w/ tbg to 3311'. Pump 443' Class L/Class A cement plug from **3311' to 2868' (Completion Plug – Big Lime)**. Approximately 36 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
9. TOOH w/ tbg to 2571'. Pump 100' Class L/Class A cement plug from **2571' to 2471' (7" Csg Shoe Plug)**. Approximately 8 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**

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10. TOOH w/ tbg to 1837'. Pump 162' **Expandable Class L/Class A** cement plug from 1837' to 1675' (Coal Plug). Approximately 8 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Can be combined with 4-1/2" Csg Cut Plug & Elevation Plug if feasible.
11. Free point 4-1/2" csg. Cut/rip 4-1/2" csg just above free point and TOOH. Set 100' Class L/Class A cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Approximately 14 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Can be combined with above Coal Plug & Elevation Plug if feasible. Ben
12. TOOH w/ tbg to 1649'. Pump 100' Class L/Class A cement plug from 1649' to 1549' 1528 (Elevation Plug). Approximately 21 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Can be combined with above Coal Plug & 4-1/2" Csg Cut Plug if feasible.
13. TOOH w/ tbg to 497'. Pump 497' **Expanding Class L** cement plug from 497' to Surface (9-5/8" Csg Shoe, Coal, & Surface Plug). Approximately 105 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
14. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Cover with sand up to 2 gws Point  
 include salt - Elevate all coal and Perforate  
 expanded on all coal

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**State of West Virginia**  
**Division of Environmental Protection**  
**Section of Oil and Gas**  
**Well Operator's Report of Well Work**

API # 4705901815

Farm Name Hamill Estate Well Number 506405  
 Location Elevation 1,599 Quadrangle MALLORY  
District Stafford County Mingo, WV  
Latitude 13180 FSL Degree 37.00 Minute 40.00 Second 0.00  
Longitude 7580 FWL 81.00 50.00 0.00

Company	Equitable Production Company 1710 Pennsylvania Avenue Charleston, WV 25328	Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cubic Ft
Agent	Todd Tetrick	12 3/4	22	22	
Inspector	Gary Scites	9 5/8	447	447	201.15
Permit Issued	12/08/2006	7	2,521	2,521	496.65
		4 1/2	5,372	5,372	437.50

Well Work Commenced 01/23/2007  
 Well Work Completed 02/26/2007  
 Verbal Plugging  
 Permission granted or \_\_\_\_\_  
 Rotary Rig  Cable Rig \_\_\_\_\_

Total Depth 5,400

**Water Encountered**

Type From  
None Reported

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**Coal & Open Mines**

Type From  
 Coal 90'-91', 145'-146', 160'-161'  
 Coal 285'-286', 330'-332', 360'-362'  
 Coal 685'-686', 895'-896'  
 Coal 1725'-1727', 1785'-1787'

**Open Flow Data**

Producing Formation Lower Huron ; Berea ; Big Lime Pay Zone Depth (ft): See attached for details  
 Gas: Initial Open Flow 0 MCF 02/13/07 Date Oil: Initial Open Flow Bbl/d  
 Final Open Flow 297 MCF 02/26/2007 Date Final Open Flow  
 Time of open flow between initial and final tests 0 hours  
 Static Rock Pressure 100 after 0 hours

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Second Producing Formation \_\_\_\_\_ Pay Zone Depth (ft) \_\_\_\_\_  
 Gas: Initial Open Flow \_\_\_\_\_ MCF \_\_\_\_\_ Date \_\_\_\_\_ Oil: Initial Open Flow \_\_\_\_\_ Bbl/d  
 Final Open Flow \_\_\_\_\_ MCF \_\_\_\_\_ Date \_\_\_\_\_ Final Open Flow \_\_\_\_\_  
 Time of open flow between initial and final tests \_\_\_\_\_ hours  
 Static Rock Pressure \_\_\_\_\_ after \_\_\_\_\_ hours

NOTE: On back of this form put the following  
 1) Details of Perforated intervals, fracturing or stimulating, physical change, etc.  
 2) The well log, a systematic detailed geological record of all formations including coal encountered in the well bore

For Equitable Production Company  
 By [Signature]  
 Date 5/4/07

11/22/2024

Well Number 506405

**Equitable Production Company**  
**WR-35 Completion Report - Attachment**  
**Well Treatment Summary**

API # 4705901815

Sheet 1		Sheet 2		Sheet 3	
Date	02/13/2007	Date	02/13/2007	Date	02/13/2007
FracTyp	N2	FracTyp	Variabl Foam	FracTyp	75Q Foam
Zone	Lower Huron	Zone	Berea	Zone	Big Lime
# of Perfs	48	# of Perfs	20	# of Perfs	20
From/To	4,871- 5,324	From/To	3,834- 3,853	From/To	3,026- 3,261
BD Press	3,862	BD Press	1,476	BD Press	1,761
ATP Psi	3,459	ATP Psi	2,238	ATP Psi	2,161
Avg Rate	74,367	Avg Rate	40	Avg Rate	30
Max Press Psi	3,692	Max Press Psi	2,516	Max Press Psi	2,304
ISIP Psi	1,798	ISIP Psi	1,040	ISIP Psi	1,615
10min SIP	1,551 5 min.	10min SIP	0 5 min.	10min SIP	1,137 5 min.
Frac Gradient	0.40	Frac Gradient	0.40	Frac Gradient	0.55
Sand Proppant	0.00	Sand Proppant	356.63	Sand Proppant	258.13
Water-bbl	0	Water-bbl	143	Water-bbl	164.5
SCF N2	1,053,270	SCF N2	305,922	SCF N2	405,879
Acid-gal	600 gal 7.5%	Acid-gal	850 gal 15%HCL	Acid-gal	0 gal

Formation Name	Depth To	Depth Bottom	Formation Thick
Overburden	0.00	22	22.00
Sandy Shale	22.00	90	68.00
Coal	90.00	91	1.00
Sandy Shale	91.00	145	54.00
Coal	145.00	146	1.00
Sandy Shale	146.00	160	14.00
Coal	160.00	161	1.00
Sand Stone	161.00	285	124.00
Coal	285.00	286	1.00
Sand Stone	286.00	330	44.00
Coal	330.00	332	2.00
Sandy Shale	332.00	360	28.00
Coal	360.00	362	2.00
Sandy Shale	362.00	685	323.00
Coal	685.00	686	1.00
Sandy Shale	686.00	895	209.00
Coal	895.00	896	1.00
Sand Stone	896.00	1,250	354.00
Salt Sand	1,230.00	1,813	583.00
Upper Maxton	2,237.00	2,392	155.00
Middle Maxton	2,599.00	2,658	59.00
Lower Maxton	2,781.00	2,812	31.00
Little Lime	2,853.00	2,918	65.00
Big Lime	2,918.00	3,266	348.00
Weir	3,352.00	3,481	129.00
Sunbury	3,808.00	3,831	23.00
Berea	3,831.00	3,859	28.00
Gordon	4,128.00	4,162	34.00
Lower Huron	4,867.00	5,302	435.00
LHRN Siltstone	4,900.00	4,956	56.00
Java	5,302.00	0	0.00

Gas Tests	
Depth	Remarks
3,324	No Show
3,926	No Show
5,000	odor

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**DIVERSIFIED**  
energy

Date: 10/31/2024

James Martin  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
(304)926-0450

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

API Number 4705901815 Well Name Hamill Goody Koontz 506405

Attached is the approved variance order for use of Class L cement.

Sincerely,

Chris Veazey  
Permitting Supervisor  
304-590-7707

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Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 926-0450

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

**BEFORE THE OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM )  
LEGISLATIVE RULE 35CSR4 )  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**ORDER NO. 2022-13**

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

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**FINDINGS OF FACT**

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1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

### CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

### ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OF THE STATE OF WEST VIRGINIA



James Martin, Chief  
Office of Oil and Gas

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1) Date: 10/31/2024  
2) Operator's Well Number Hamill Goody Koontz 506405  
3) API Well No.: 47 - 059 - 01815

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>See Attached</u>	Name <u>Reflectance Energy, LLC</u>
Address _____	Address <u>200 George St Ste 4</u>
	<u>Beckley, WV 25801</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Brian Warden</u>	(c) Coal Lessee with Declaration
Address <u>49 Elk Creek Rd.</u>	Name <u>Hampden Coal Company, LLC</u>
<u>Delbarton, WV 25670</u>	Address <u>PO Box 1210</u>
Telephone <u>(304) 205-3229</u>	<u>Gilbert, WV 25621</u>

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Diversified Production, LLC  
 By: Chris Veazey  
 Its: Director of Administration  
 Address 414 Summers Street  
Charleston, WV 25301  
 Telephone 304-590-7707



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Subscribed and sworn before me this 31<sup>st</sup> day of October, 2024  
Jeffrey Bush Notary Public  
 My Commission Expires September 28, 2028

WV Department of Environmental Protection

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

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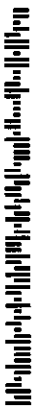
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Diversified Gas & Oil Corporation  
Permitting Department  
414 SUMMERS ST  
2ND FLOOR  
CHARLESTON WV 26164

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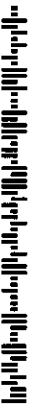
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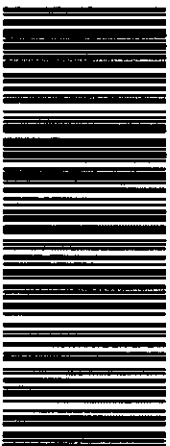
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REFLECTANCE ENERGY LLC  
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BECKLEY WV 25801-2644

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FOSTER FOUNDATION INC  
1 BRADLEY FOSTER DR  
HUNTINGTON WV 25701-9448

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2024-10-31  
25301  
C64000004  
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6132 VERMONT AVE  
NEW PORT RICHEY FL 34653-2550

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**API 47-059-01815**

**Surface Owners**

Foster Foundation, Inc.

1 Bradley Foster Dr.  
Huntington, WV 25701

Thomas C. Hamill Irrevocable Trust  
Wachovia Bank, Trustee

One West 4<sup>th</sup> St.  
Winston Salem, NC 27150

Carl Henry Carrera

6622 East LA Cumbre Dr.  
Orange, CA 92869

Jane Annis

857 Hillside Ave.  
Mountainside, NJ 07092

The French V. Ward, Trust

6132 Vermont Ave.  
New Port Richey, FL 43653

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**API 47-059-01815**

**Coal Owners**

Foster Foundation, Inc.

1 Bradley Foster Dr.  
Huntington, WV 25701

Thomas C. Hamill Irrevocable Trust  
Wachovia Bank, Trustee

One West 4<sup>th</sup> St.  
Winston Salem, NC 27150

Carl Henry Carrera

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**SURFACE OWNER WAIVER**

Operator's Well  
Number

Hamill Goody Koontz 506405

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek revision of the violation...".

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**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date	_____	Name	_____
Signature			By	_____
			Its	_____
				Date

Signature

Date

11/22/2024

WW-4B

API No.	<u>4705901815</u>
Farm Name	<u>Charles A. Hamill</u>
Well No.	<u>Hamill Goody Koontz 506405</u>

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator  / owner  / lessee  of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_

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By: \_\_\_\_\_ NOV 14 2024

Its \_\_\_\_\_  
WV Department of  
Environmental Protection

11/22/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: Diversified Production, LLC OP Code 494524121

Watershed (HUC 10) Tributary of Guyandotte River Quadrangle Gilber 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No   
  Will a pit be used? Yes  No

If so, please describe anticipated pit waste: Production fluid and cement returns.

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- \* Underground Injection ( UIC Permit Number 2D03902327 002 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? N/A

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WV Department of  
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Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

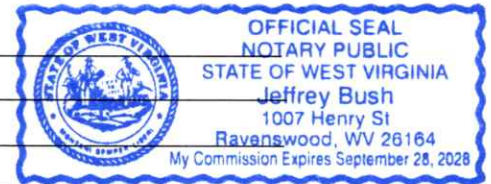
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Chris Veazey*

Company Official (Typed Name) Chris Veazey

Company Official Title Manager Plugging Operations



Subscribed and sworn before me this 31<sup>st</sup> day of October, 2024

*Jeffrey Bush* Notary Public

My commission expires September 28, 2028

Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac. Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount TBD lbs/acre

Mulch 2 Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

**Attach:**

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *[Signature]*

Comments: *Take to DEP stand*

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Title: *[Signature]* Date: 11-13-24

Field Reviewed?  Yes  No





Diversified Gas & Oil Corporation  
100 Diversified Way  
Pikeville KY, 41051

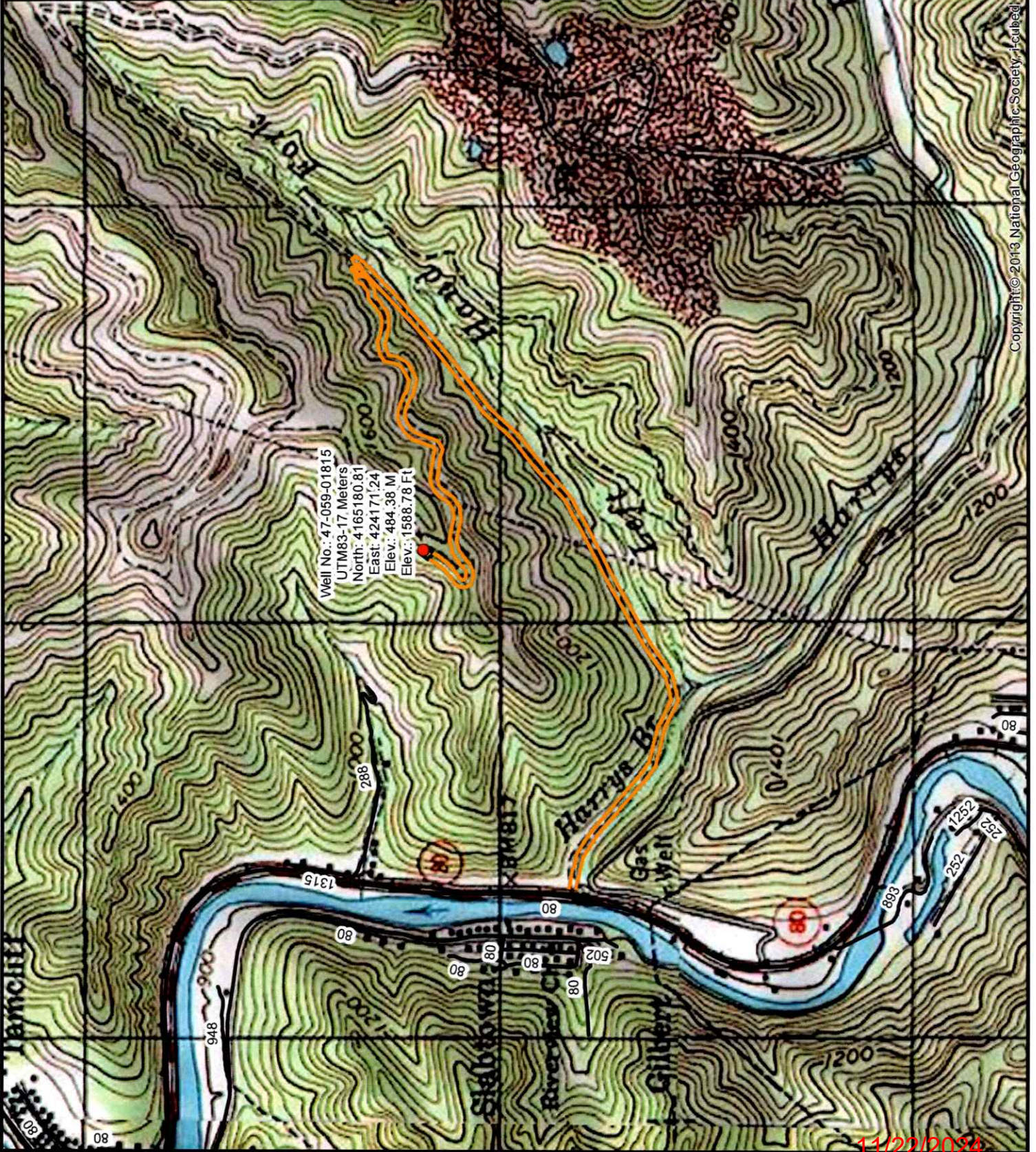
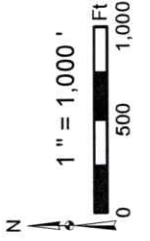
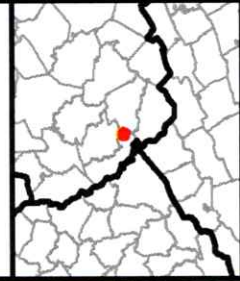
47-059-01815

Well Plugging Map

**Legend**

- Well
- ▬ Access Road
- ▨ Pits
- ▭ Pad
- Public Roads

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Diversified Gas & Oil Corporation  
100 Diversified Way  
Pikeville KY, 41051

47-059-01815

Well Plugging Map

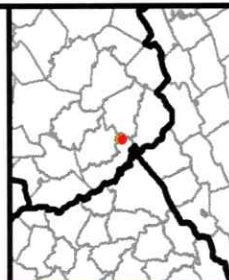
**Legend**

- Well
- Access Road
- Pits
- Pad
- Public Roads

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Well No.: 47-059-01815  
UTM83-17 Meters  
North: 4165180.81  
East: 424171.24  
Elev.: 484.38 M  
Elev.: 1588.78 Ft

Secondary Pit

Primary Pit

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

11/22/2024

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 4705901815 WELL NO.: Hamill Goody Koontz 506405

FARM NAME: Charles A. Hamill

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Mingo DISTRICT: Stafford

QUADRANGLE: Gilber 7.5'

SURFACE OWNER: See Attached

ROYALTY OWNER: Hamill Estate & Foster Foundation

UTM GPS NORTHING: 4165180.81

UTM GPS EASTING: 424171.24 GPS ELEVATION: 1588.78'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.

2. Accuracy to Datum – 3.05 meters

3. Data Collection Method:

Survey grade GPS  : Post Processed Differential

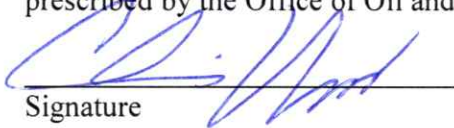
Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

  
Signature

Chris Veazey - Director of Administration  
Title

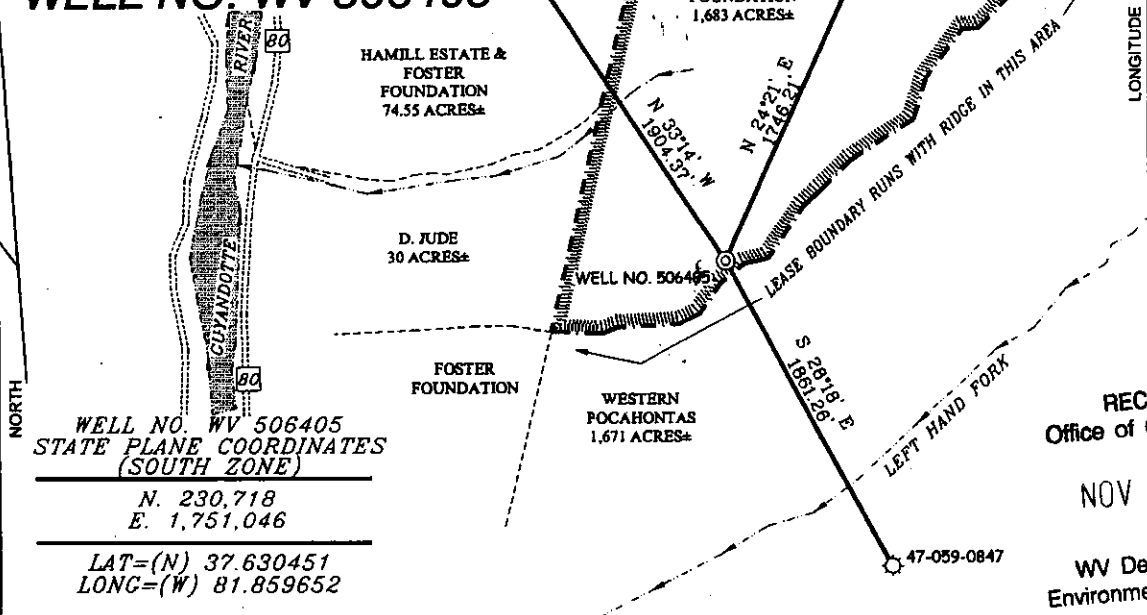
10/31/2024  
Date

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# HAMILL/GOODYKOONTZ LEASE 2,991.11 ACRES± WELL NO. WV 506405



WELL NO. WV 506405  
STATE PLANE COORDINATES  
(SOUTH ZONE)

N. 230,718  
E. 1,751,046

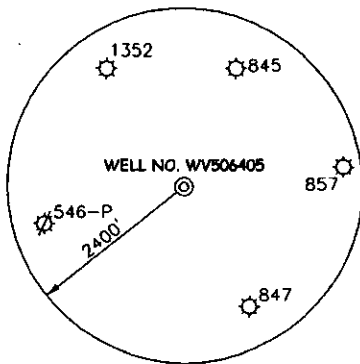
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LONG=(W) 81.859652

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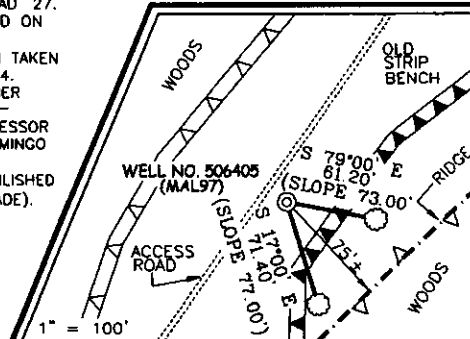
### NOTES ON SURVEY

1. TIES TO WELLS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10/12/06.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 25 PAGE 584.
4. SURFACE OWNER AND ADJOINER

INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2006.  
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

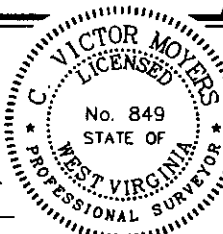


### REFERENCES



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 849 *C. Victor Moyers*



(\*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE OCTOBER 31, 20 06  
 OPERATORS WELL NO. WV 506405  
 API WELL NO. 47-059-01815  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3696P506405 (220 - 35)  
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,599' WATERSHED TRIBUTARY OF GUYANDOTTE RIVER  
 DISTRICT STAFFORD COUNTY MINGO QUADRANGLE MALLORY 7.5'

SURFACE OWNER HAMILL ESTATE & FOSTER FOUNDATION ACREAGE 1,686±  
 ROYALTY OWNER HAMILL ESTATE & FOSTER FOUNDATION LEASE ACREAGE 2991.11±  
 PROPOSED WORK: LEASE NO. 300567

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD

FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION DEVONIAN SHALE  
 ESTIMATED DEPTH 5,930'

WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT L. TODD TETRICK  
 ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE  
CHARLESTON, WV 25302 CHARLESTON, WV 25302

11/22/2024

5

59-01815

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
WELL WORK PERMIT APPLICATION

1) Well Operator EQUITABLE PRODUCTION COMPANY
Operator ID 59 County 6 District 454 Quadrangle

2) Operator's Well Name Hamill 506405 3) Elevation 1,599'

4) Well Type: (a) Oil or Gas X
(b) If Gas: Production X Underground Storage
Deep Shallow X

5) Proposed Target Formation(s): Big Lime, Berea, Devonian Shale,

6) Proposed Total Depth: 5,400' Feet

7) Approximate fresh water strata depths: 24', 224'

8) Approximate salt water depths: 911', 932', 2413', 2968'

9) Approximate coal seam depths: 91', 149', 338', 360' (OPEN?)

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work: Drill and complete a new well.

12) CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE (For Drilling, Intervals), CEMENT (Fill-up (Cu.Ft)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

Handwritten initials and date: 12-7-06

Packers: Kind, Size, Depths Set

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Handwritten: \$650.00 CK #4939

11/22/2024



Kennedy, James P <james.p.kennedy@wv.gov>

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## plugging permit issued 4705901815

1 message

---

**Kennedy, James P** <james.p.kennedy@wv.gov>

Fri, Nov 22, 2024 at 2:25 PM

To: Nicholas Bumgardner <nbumgardner@dgoc.com>, Brian Warden <brian.warden@wv.gov>, rmahon@assessor.state.wv.us, Chris Veazey <CVeazey@dgoc.com>

To whom it may concern, a plugging permit has been issued for 4705901815.

James Kennedy

WVDEP OOG

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 **4705901815.pdf**  
2694K

11/22/2024