



west virginia department of environmental protection

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

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

Monday, December 18, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for NEWBERRY 19
47-045-00386-00-00

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: WESTERN POCAHONTAS PR
U.S. WELL NUMBER: 47-045-00386-00-00
Vertical Plugging
Date Issued: 12/18/2023

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

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 November 9, 2023
2) Operator's
Well No. Newberry 19
3) API Well No. 47-045-00386

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 1638.85' Watershed Right Hand Fork Elk Creek
District Triadelphia County Logan Quadrangle Malloy 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Brian Warden Name Next LVL Energy (Diversified Owned)
Address 49 Elk Creek Rd. Address 104 Hellport Loop Rd
Delbarton, WV 25670 Bridgeport, WV 25330

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

See Attached

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Office of Oil and Gas

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WV Department of
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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 Brian Warden Date 11/29/23

12/22/2023

Plugging Prognosis

API #: 4704500386
West Virginia, Logan County

Casing Schedule

13" @ 49'
10" @ 972' (cemented info not available)
8-1/4" @ 2489' (cement info not available)
6-5/8" @ 3054' (cement info not available)
TD @ 4012'

Completion: Shot with 280qts Glycerin from 3969'-4012'

Fresh Water: None listed
Salt Water: None listed
Gas Shows: None listed
Oil Shows: None listed
Coal: 590'-595'
Elevation: ~~1443~~ 1876

304 205 3229

1. Notify Inspector Brian Warden @ ~~681-205-3229~~ 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg. 48
3. Check TD w/ wireline. Run CBL to determine TOC behind 6-5/8" csg.
4. Run in to 3969'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 100' Class L cement plug from 3969' to 3869' (Completion Plug). Tag TOC. Top off as needed.
5. TOOH w/ tbg to 3869'. Pump 6% bentonite gel from 3869' to 3104'.
6. TIH w/ tbg to 3104'. Pump 100' Class L cement plug from 3104' to 3004' (6-5/8" csg shoe plug).
7. TOOH w/ tbg to 3004'. Pump 6% bentonite gel from 3004' to 2539'.
8. Free point 6-5/8" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Pump 6% bentonite gel from top of plug to bottom of the next plug. Do not omit any plugs list below. Perforate as needed.
9. TIH w/ tbg to 2539'. Pump 100' Class L cement plug from 2539' to 2439' (8-1/4" csg shoe plug).
10. TOOH w/ tbg to 2439'. Pump 6% bentonite gel from 2439' to ~~1493~~ 1846
11. Free point 8-1/4" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Pump 6% bentonite gel from top of plug to bottom of the next plug. Do not omit any plugs list below. Perforate as needed.

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1886 - 1786

- 12. TIH w/ tbg to 1493'. Pump 100' Class L cement plug from ~~1493'~~ to 1393' (elevation plug).
- 13. TOOH w/ tbg to 1393'. Pump 6% bentonite gel from 1393' to 1022'.
- 14. TIH w/ tbg to 1022'. Pump 100' Class L cement plug from 1022' to 922' (10" csg shoe plug).
- 15. TOOH w/ tbg to 922'. Pump 6% bentonite gel from 922' to 645'.
- 16. Free point 8-1/4" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Pump 6% bentonite gel from top of plug to bottom of the next plug. **Do not omit any plugs list below. Perforate as needed.**
- 17. TOOH w/ tbg to 645'. Pump 105' *Class L Expandable* cement plug from 645' to 540. (Coal Plug).
- 18. TOOH w/ tbg to 540'. Pump 6% bentonite gel from 540' to 100'.
- 19. TOOH w/ tbg to 100'. Pump 100' Class L cement plug from 100' to Surface. (Surface plug).
- 20. Reclaim location and well road to WV DEP specifications and erect P&A well monument

*Operator to cover with cement
 All Oil & Gas Permits include SPT
 Etchings cones and fresh water*

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STATE OF WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

COMMISSIONER (1000-150)

December 11, 1954

Quadrangle GILBERT

WELL RECORD

Permit No. LOG-386

Oil or Gas Well GAS (KIND)

Company Western Pocahontas Corporation
 Address Box #509, Huntington, W. Va.
 Farm Newberry Lands Acres 3783.06
 Location (waters) Elk Creek
 Well No. 19 Elev. 1843.07
 District Triadelphia County Logan
 The surface of tract is owned in fee by Western Pocahontas Corp., Box #509, Address Huntington, W. Va.
 Mineral rights are owned by Western Pocahontas Corporation, Box 509, Address Huntington, W. Va.
 Drilling commenced April 13, 1954
 Drilling completed November 10, 1954
 Date Shot 11/15/54 From 3969' To 4012'
 With 280 Qts. Glycerine
 Open Flow 33/10ths Water in One Inch
 /10ths Merc. in Inch
 Volume 60 MCF Cu. Ft.
 Rock Fract 400 lbs. 72 hrs.
 Oil bbls., 1st 24 hrs.
 Fresh water feet feet
 Salt water feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
18			
18	49'	49'	
10	972'	972'	Size of
8 1/2	2489'	2489'	
6 1/2	3054'	3054'	Depth set
5 3/16			
2			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 6-5/8" SIZE 30 No. Ft. 10-1-54 Date
 COAL WAS ENCOUNTERED AT 590 FEET 60 INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			00	45			
Slate			45	52			
Sandy Dolomite		FOISU	52	98			
Slate			98	112			
Sandstone			112	200			
Slate and shale			200	218			
Sandstone and shale			218	239			
Slate			239	390			
Sandstone			390	390			
Slate			390	480			
Limestone			480	570			
Slate			570	590			
Quartzite			590	595			
Limestone			595	610			
Slate and shale			610	650			
Limestone			650	675			
Slate			675	740			
Sandstone			740	825			
Slate and hard rock			825	835			
Sandstone			835	940			
Slate and shell			940	970			
Sandstone			970	1070			
Slate rock			1070	1300			
Sandstone			1300	1245			
Slate and shell			1245	1410			
Sandstone and shale			1410	1780			
Slate and shell			1780	1835			
Sandstone			1835	1940			
Slate			1940	1945			
Sandstone			1945	2165			
Slate and shell			2165	2215			
Sandstone and shale			2215	2290			

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DEC 1954
WEST VIRGINIA
DEPT. OF MINES

(Over)

12/22/2023

1) Date: 11/9/2023
2) Operator's Well Number Newberry 19
3) API Well No.: 47 - 045 - 00386

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>Western Pocahontas Properties, LP</u>	Name <u>Ramaco Resources</u>
Address <u>5260 Irwin Rd</u>	Address <u>250 West Main St. Suite 1900</u>
<u>Huntington, WV 25705</u>	<u>Lexington, KY 40507</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>WPP, LLC</u>
	Address <u>5260 Irwin Rd</u>
	<u>Huntington, WV 25705</u>
(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>Delbarton, WV 25670</u>	Address _____
Telephone <u>(304) 205-3229</u>	_____

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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.

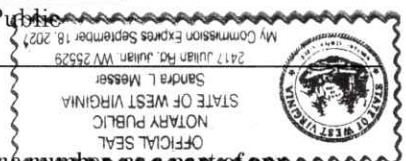
Well Operator Diversified Production, LLC
 By: Chris Veazey
 Its: Permitting Supervisor
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707

Chris Veazey

Subscribed and sworn before me this 9th day of November 2023
Sandra L. Messer Notary Public
 My Commission Expires Sept. 18, 2027

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.

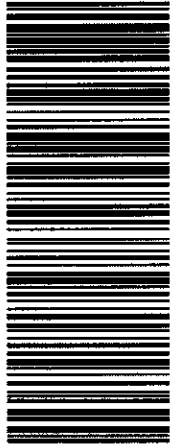


12/22/2023

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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USPS CERTIFIED MAIL™



9407 1361 0544 0617 0522 38



WESTERN POCAHONTAS PROPERTIES, LP
5260 IRWIN RD
HUNTINGTON WV 25705-3247

US POSTAGE AND FEES PAID
2023-11-09
25301
C4000004
Retail
4.0 OZ FLAT



09010000089095



12/22/2023

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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USPS CERTIFIED MAIL™



9407 1361 0544 0617 0347 77



RAMACO RESOURCES
250 W MAIN ST STE 1900
LEXINGTON KY 40507-1734

US POSTAGE AND FEES PAID
2023-11-09
25301
C4000004
Retail
4.0 OZ FLAT



090100008123



12/22/2023

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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USPS CERTIFIED MAIL™



9407 1361 0544 0617 0440 97



WPP, LLC
5260 IRWIN RD
HUNTINGTON WV 25705-3247

US POSTAGE AND FEES PAID
2023-11-09
25301
C4000004
Retail
4.0 OZ FLAT



0901000009123



12/22/2023

SURFACE OWNER WAIVER

Operator's Well
Number

Newberry 19

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 57th St. SE
Charleston, WV 25304
(304) 926-0450

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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 review of the violation..."

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,
ETC.

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

Date
12/22/2023

WW-4B

API No. 4704500386
Farm Name Newberry
Well No. Newberry 19

**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.

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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: _____

By: _____

Its _____

12/22/2023

WW-9
(5/16)

API Number 47 - 045 - 00386
Operator's Well No. Newberry 19

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) Right Hand Fork Elk Creek Quadrangle Mallory 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

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.

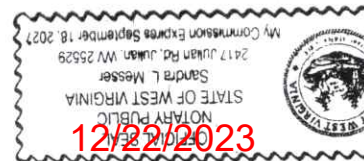
Company Official Signature *Chris Veazey*
Company Official (Typed Name) Chris Veazey
Company Official Title Manager Plugging Operations

Subscribed and sworn before me this 9th day of November, 2023

Sandra L. Messer Notary Public

My commission expires Sept. 18, 2027

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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: Bryan Wender

Comments: Review to DEP standards

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Title: Report Date: 11/8/23

Field Reviewed? Yes No

WW-7
8-30-06



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

API: 4704500386 WELL NO.: Newberry 19

FARM NAME: Newberry

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Logan DISTRICT: Triadelphia

QUADRANGLE: Mallory 7.5'

SURFACE OWNER: Western Pocahontas Properties, LP

ROYALTY OWNER: Western Pocahontas Corporation

UTM GPS NORTHING: 4170434.44

UTM GPS EASTING: 431932.05 GPS ELEVATION: 1836.85'

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 X: Post Processed Differential X

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 - Permitting Supervisor
Title

11/09/23
Date

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12/22/2023



DIVERSIFIED
energy

Date: 11/9/2023

James Martin
Office of Oil and Gas
601 57th 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 4704500386 Well Name Newberry 19

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

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

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WV Department of
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west virginia department of environmental protection

Office of Oil and Gas
601 57th 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

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Environmental Protection

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.

FINDINGS OF FACT

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.

Promoting a healthy environment.

12/22/2023

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 monogramed 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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Environmental Protection

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

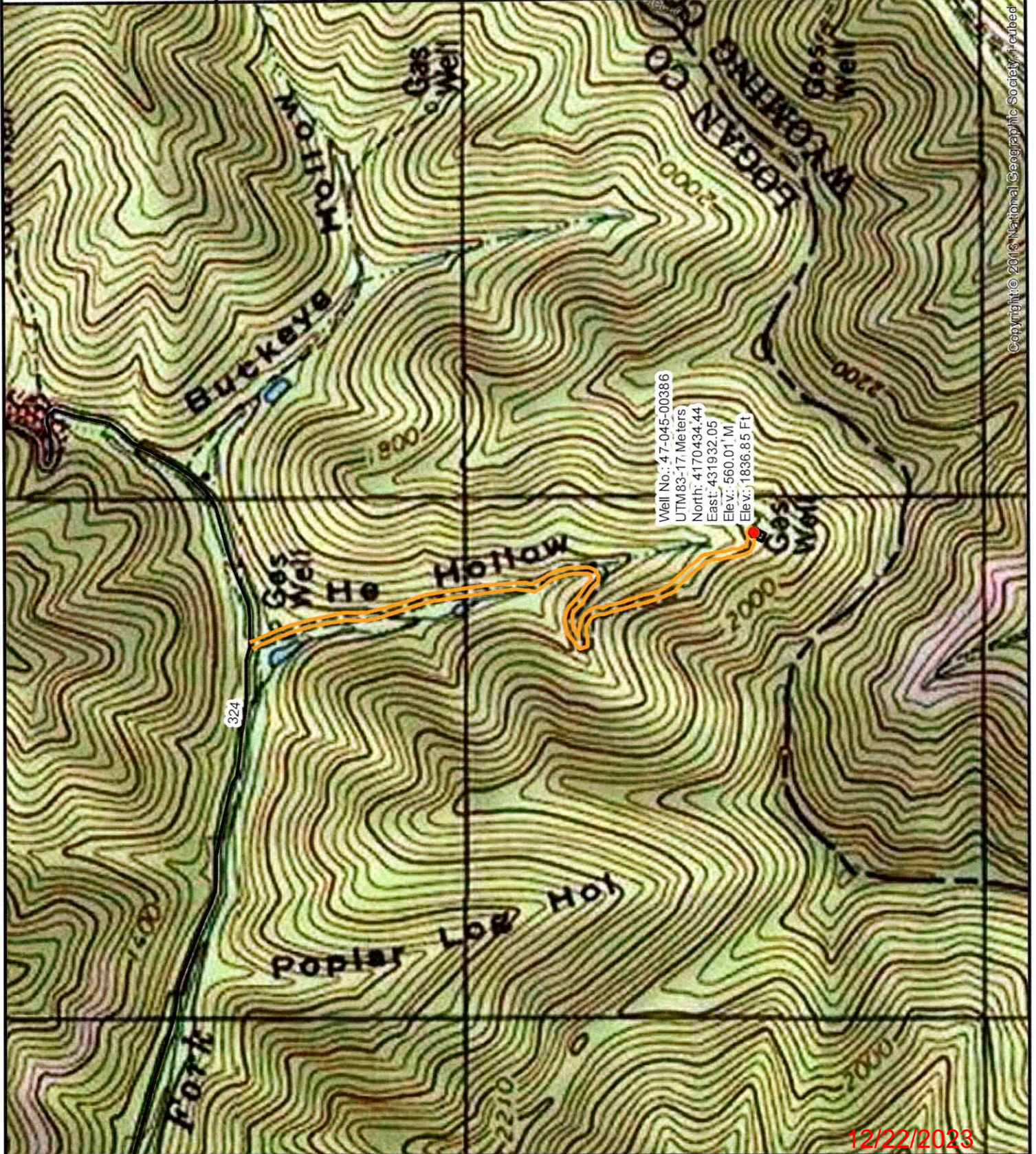
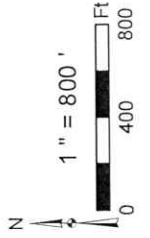
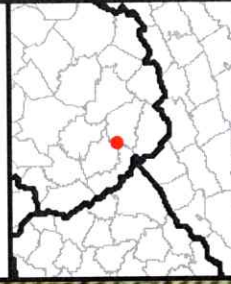
47-045-00386

Plugging Map

Legend

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

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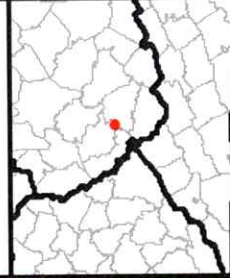
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Plugging Map

Legend

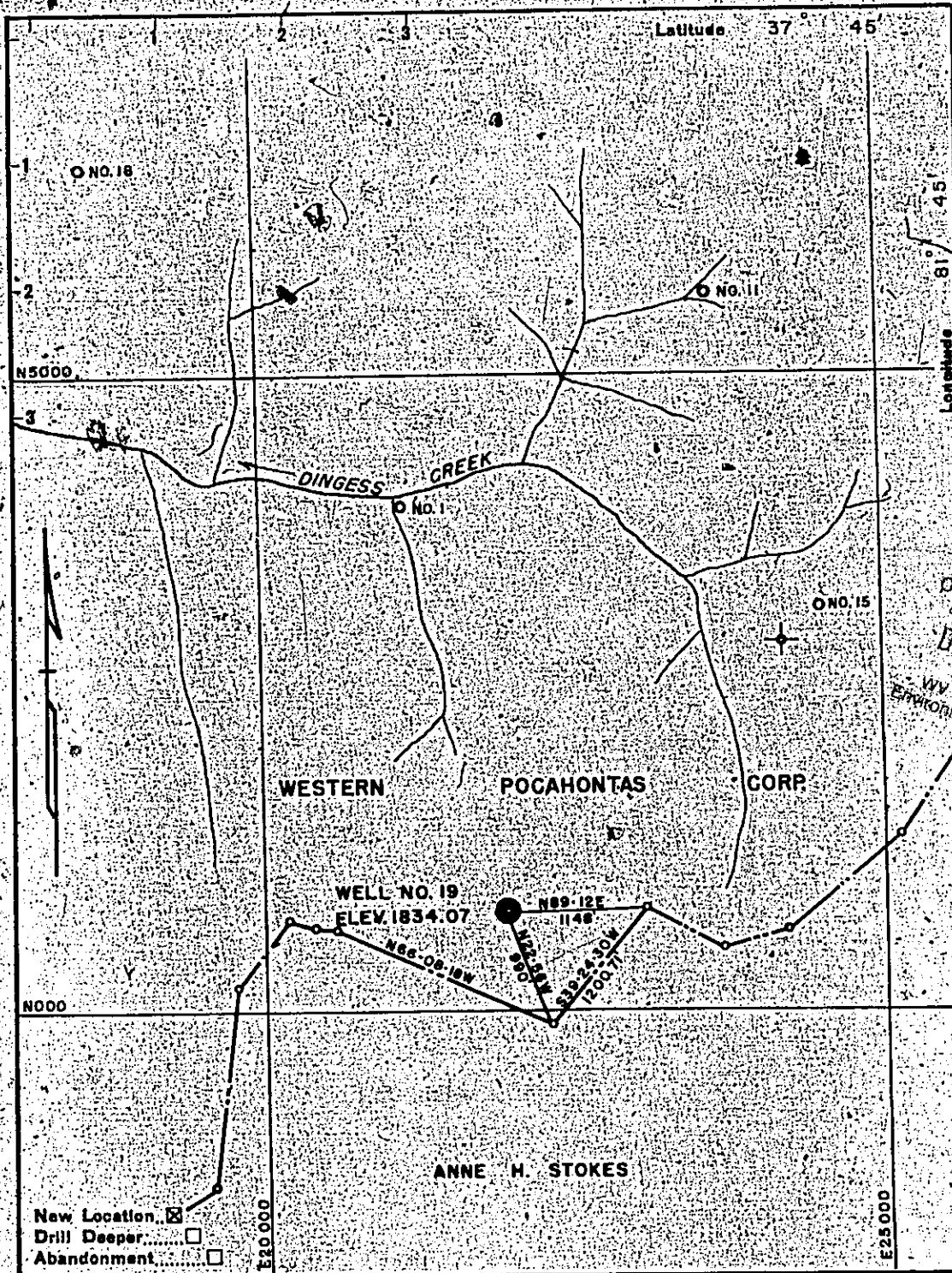
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Source: Esri, Maxar, Earthstar Geographies, and the GIS User Community

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Company <u>WESTERN POCAHONTAS CORP.</u>	
Address <u>BOX 509, HUNTINGTON, W. VA.</u>	
Farm <u>NEWBERRY LANDS OF W.P.C.</u>	
Tract	Acres <u>3793.06</u> Lease No.
Well (Farm) No. <u>13</u>	Serial No. <u>19</u>
Elevation (Spirit Level) <u>1834.07</u>	
Quadrangle <u>GILBERT</u>	
County <u>LOGAN</u>	District <u>TRIADELPHIA</u>
Engineer <u>[Signature]</u>	
Engineer's Registration No. <u>881</u>	
File No.	Drawing No.
Date <u>FEB. 23, 1954</u>	Scale <u>1" = 1000'</u>

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. LOG-386

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

12/22/2023



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

plugging permit issued 4704500386

1 message

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

Mon, Dec 18, 2023 at 10:12 AM

To: Brian Warden <brian.warden@wv.gov>, Chris Veazey <CVeazey@dgoc.com>, Austin Sutler <asutler@nextlvenergy.com>, Phyllis Copley <pcopley@dgoc.com>, gadkins@wvassessor.com

To whom it may concern a plugging permit has been issued for 4704500386.

Jmaes Kennedy

WVDEP OOG

 **4704500386.pdf**
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12/22/2023