



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

Friday, October 21, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for CALDWELL 2
47-015-01017-00-00

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: GARCIA, CORPUS & MILAGRO
U.S. WELL NUMBER: 47-015-01017-00-00
Vertical Plugging
Date Issued:

Promoting a healthy environment.

10/21/2022

PERMIT CONDITIONS 470150101ZP

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.

1) Date September 26, 2022
2) Operator's
Well No. 2
3) API Well No. 47 015 01017

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 X / Liquid injection / Waste disposal /
(If "Gas, Production X or Underground storage) Deep / Shallow X

5) Location: Elevation 1004.1 feet Watershed Right Fork of Sycamore Creek
District Pleasants County Clay Quadrangle Bentree

6) Well Operator Diversified Production, LLC 7) Designated Agent Austin Sutler
Address 414 Summers Street Address P.O. Box 381087
Charleston, WV 25301 Birmingham, AL 35238

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Jeremy James Name Next LVL Energy
Address P.O. 36 Address 1951 Pleasantview Ridge Road
Clendenin, WV 25045 Ravenswood, WV 26164

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

See Attached

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

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

Work order approved by inspector  Date 10-21-22

4701501017 - P

Plugging Prognosis

API #: 4701501017

West Virginia, Clay Co.

Lat/Long: 38.337778, -81.170608

Nearest ER: CAMC Memorial Hospital 3200 MacCorkle Ave SE, Charleston, WV 25304

Casing Schedule:

8-5/8" @ 132' (cement to surface w/ 100 sxs)

4-1/2" @ 2118' (cemented to 1631' w/ 35 sxs)

2-3/8" tbg @ 2,024' (set on Baker AD-1 Packer @ 2027'-2034')

TD @ 2118'

Completion: Injun – 2040'-2060'

Fresh Water: None Reported

Salt Water: None Reported

Gas Shows: None Listed

Oil Shows: None Listed

Coal: None Reported

Elevation: 985'

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

1. Notify Inspector Jeremy James @ 304-951-2596, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Pull tbg and lay down.
4. Check TD w/ wireline.
5. Run in to depth @ 2060'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 120' C1A/Class L cement plug from **2060' to 1940' (perforations plug)**. Tag TOC. Top off as needed.
6. TOOH w/ tbg to 1940'. Pump 6% bentonite gel from 1940' to 985'.
7. Run CBL to determine TOC.
8. Free point 4-1/2" csg. Cut and TOOH. Set 100' C1A/Class L cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs listed below. Perforate as needed.**
9. TOOH w/ tbg to 985'. Pump 100' C1A/Class L cement plug from **985' to 885' (elevation plug)**.
10. TOOH w/ tbg to 885'. Pump 6% bentonite gel from 885' to 182'.
11. TOOH w/ tbg to 182'. Pump 182' C1A/Class L cement plug from **182' to surface (8-5/8" csg shoe and surface plug)**.
12. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

10/21/2022



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

4701501017-f

RECEIVED

JAN 29 1975

47-015-01017

Quadrangle Clay

Permit No. Clay-1017

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Appalachian Exploration & Dev., Inc.
Address P.O. Box 628, Charleston, W. Va.
Farm G.E. Caldwell Gas Unit Acres 34.9
Location (waters) Pack Fork
Well No. 2 Elev. 985'
District Pleasant County Clay
The surface of tract is owned in fee by _____
Guy E. Caldwell
Address Lizemore, W. Va.
Mineral rights are owned by same as above
Address _____
Drilling Commenced 10/31/74
Drilling Completed 11/5/74
Initial open flow _____ cu. ft. _____ bbls.
Final production 231 M cu. ft. per day _____ bbls.
Well open 8 hrs. before test 545# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	132'	132'	
7			
5 1/2			
4 1/2	2118'	2118'	
3			
2 -3/8"	2034.36'		
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated Injun 2040-60, 1 hole/ft. Fraced 2040-60' with 500 gals. MCA, 1000 gals. Methanol, 30,000# 20/40 and 15,000# 10/20 sand in 840 bbls. gelled water. Breakdown pressure 1200# psi. ISIP 1200#.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Injun Depth 2040-2060

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Rotary			0	8		
Clay sand			8	90		
Rock			90	139		
Rock			139	247		
Sand and shale			247	647		
Shale			647	860		
Sandy shale			860	1010		
Salt sand			1010	1180		
Salt sand			1180	1300		
Salt sand			1300	1420		
Shale			1420	1545		
Salt sand			1545	1715		
Shale			1715	1875		
Lime			1875	1985		
Lime			1985	2041		
Injun sand			2041	2069		
				2130	T.D.	

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

(over)

* Indicates Electric Log tops in the remarks section.

47015010 17 P

47-015-01017

Formation	Color	Hard or Soft	Top Feet ₂	Bottom Feet	Oil, Gas or Water	* Remarks
<u>Cement record</u>						
<u>Casing</u>		<u>No. of sks.</u>		<u>Type cement</u>		
8-5/8"		100		RFC		Cement circulated
4-1/2"		35		Thixotropic		

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

Date January 27, 19 75
APPALACHIAN EXPLORATION & DEVELOPMENT, INC.
 APPROVED [Signature] Owner
 By District Production Superintendent
 (Title)

10/21/2022

RECEIVED
Office of Oil & Gas
SEP 22 2009
WV Department of
Environmental Protection

4701501017

Date September 21, 2009
API # 47- 015 - 01017

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

Handwritten initials

Farm Name: Guy E. Caldwell Operator Well No.: 2

LOCATION: Elevation: 985' ✓
District: Pleasant County: Bentree
Latitude: 13,550 feet South of 81 DEG. 10 MIN. 00 SEC.
Longitude: 1130 feet West of 38 DEG. 22 MIN. 30 SEC.

Company: Cabot Oil & Gas Corporation
900 Lee Street East, Suite 500
Charleston, WV 25301

Agent: Brian D. Hall ✓
Inspector: Terry Urban
Permit Issued: September 17, 2008
Well Work Commenced: November 11, 2008
Well Work Completed: December 23, 2008
Verbal Plugging: _____
Permission granted on:
Rotary X Cable _____
Total Depth (feet) 2135'
Fresh Water Depths (ft) None reported ✓
Salt Water Depths (ft) None reported ✓
Is coal being mined in area (Y/N)? (Yes)
Coal Depths (ft) None reported

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
8-5/8"	140'	140' ✓	161 cu.ft.
4-1/2"	2118'	2118' ✓	54.3 cu. Ft.
2-3/8"	NA	2024'	NA

OPEN FLOW DATA

Producing Formation Injun
Gas: Initial Open Flow NA MCF/d
Final Open Flow 231 MCF/d
Time of open flow between initial and final tests _____ Hours
Static rock pressure 545 psig surface pressure after _____ Hours

Pay Zone
Depth (ft) 2049'-2069'
Oil: Initial Open Flow 0 Bbl/d
Final Open Flow 0 Bbl/d

Second Producing Formation NA
Gas: Initial Open Flow NA MCF/d
Final Open Flow NA MCF/d
Time of open flow between initial and final tests NA Hours
Static rock pressure NA psig surface pressure after NA Hours

Pay Zone
Depth (ft) NA
Oil: Initial Open Flow NA Bbl/d
Final Open Flow NA Bbl/d

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2.) THE WELL LOG WHICH IS SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

For: **CABOT OIL & GAS CORPORATION**

By: W. Lee Hornsby *(Signature)* **Drilling Superintendent**
Date: 9/21/09

RECEIVED
Office of Oil and Gas
SEP 29 2009
WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

4701501017P

47-015-01017

Treated Big Injun 11/21/74 @ 2040'-2060' (1 spf, 20 holes) with 500 gallons MCA, 1000 gallons Methanol, 30,000# 20/40 and 15,000# 10/20 sand in 840 bbls gelled water. BDP = 1200 psi, ISIP = 1200 psi, ATP = 2571 psi at 31.4 bpm.

Pulled tubing and packer and set Retrievable Bridge Plug @ 1870' on 12/10/08. Retrieved RBP on 12/12/08. Ran new tubing @ 2024' with Baker AD-1 Packer @ 2034'-27', and displaced fluid with 30 bbls of Corban 400, Clay Stabizer, & Microbiocide to annulus on 12/12/08. Tested 4"x2" annulus to 1543 psi on 12/15/08.

FORMATION	TOP	BOTTOM	REMARKS
Clay sand	8'	90'	
Rock	90'	139'	
Rock	139'	247'	
Sand & Shale	247'	647'	
Shale	647'	860'	
Sandy Shale	860'	1010'	
Salt Sand	1010'	1180'	
Salt Sand	1180'	1300'	
Salt Sand	1300'	1420'	
Shale	1420'	1545'	
Salt Sand	1545'	1715'	
Shale	1715'	1875'	
Lime	1875'	1985'	
Lime	1985'	2041'	
Injun Sand	2041'	2069'	
TD	2135'		

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

10/21/2022

4701501017P

WW-4A
Revised 6-07

1) Date: September 26, 2022
2) Operator's Well Number
#2
3) API Well No.: 47 - 015 - 01017

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>Michael Allen Ramsey</u>	Name <u>None</u>
Address <u>115 Grassy Fork Road</u> <u>Lizemores, WV 25125</u>	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Michael Allen Ramsey</u>
	Address <u>115 Grassy Fork Road</u> <u>Lizemores, WV 25125</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Jeremy James</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 36</u> <u>Clendenin, WV 25045</u>	Name <u>No Declaration</u>
Telephone <u>304-951-2596</u>	Address _____

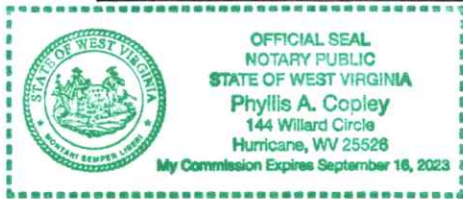
RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

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: Austin Suttler
Its: Plugging Manager
Address 414 Summers Street
Charleston, WV 25301
Telephone 304-419-2562

Subscribed and sworn before me this 27th day of September, 2022
Phyllis A. Copley Notary Public
My Commission Expires September 16, 2023

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 depprivacyoffier@wv.gov.

10/21/2022

4701501017P

47-015-01017
Well #2

7022 2410 0001 3247 0717

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Well #2 47-015-01017

Sent Michael Allen Ramsey
Street 115 Grassy Fork Road
City, State, ZIP+4® Lizemores, WV 25125

PS Form 3800, June 2010

Postmark Here

HAMLIN POST OFFICE
SEP 29 2022

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

10/21/2022

4701501017P

WW-9
(5/16)

API Number 47 - 015 - 01017
Operator's Well No. 2

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 Fork of Sycamore Creek Quadrangle Bentree

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: Produced 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 _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain All fluid recovered will be hauled to Diversified's Lizmores Tank Battery and disposed of properly)

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

RECEIVED
Office of Oil and Gas
SEP 09 2022
Environmental Protection Division

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.

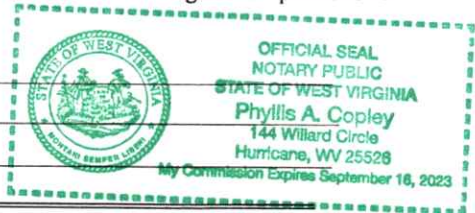
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 Austin Sutler

Company Official (Typed Name) Austin Sutler

Company Official Title Plugging Manager



Subscribed and sworn before me this 27th day of September, 2022

Phyllis A. Copley

Notary Public

My commission expires September 16, 2023

10/21/2022

4701501017D

Proposed Revegetation Treatment: Acres Disturbed 1 +/- Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type _____ 10-20-20 or equivalent

Fertilizer amount _____ 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: Jeremy James

Comments: _____

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

Title: inspector 006 Date: 10-21-22

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: 4701501017 WELL NO.: #2
 FARM NAME: Caldwell
 RESPONSIBLE PARTY NAME: Diversified Production LLC
 COUNTY: Clay DISTRICT: Pleasant
 QUADRANGLE: Bentree
 SURFACE OWNER: Michael Allen Ramsey
 ROYALTY OWNER: DP Bluegrass LLC
 UTM GPS NORTHING: 4243316.12
 UTM GPS EASTING: 485097.93 GPS ELEVATION: 1004.1'

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS ____ : Post Processed Differential ____

Real-Time Differential ____

Mapping Grade GPS : Post Processed Differential

Real-Time Differential ____

- 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.

Justin Suttler

Digitally signed by Austin Suttler
Date: 2022.07.15 10:00:04
-04'00'

Signature

Plugging Manager

Title

7/15/2022

Date

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

10/21/2022

4701501017P



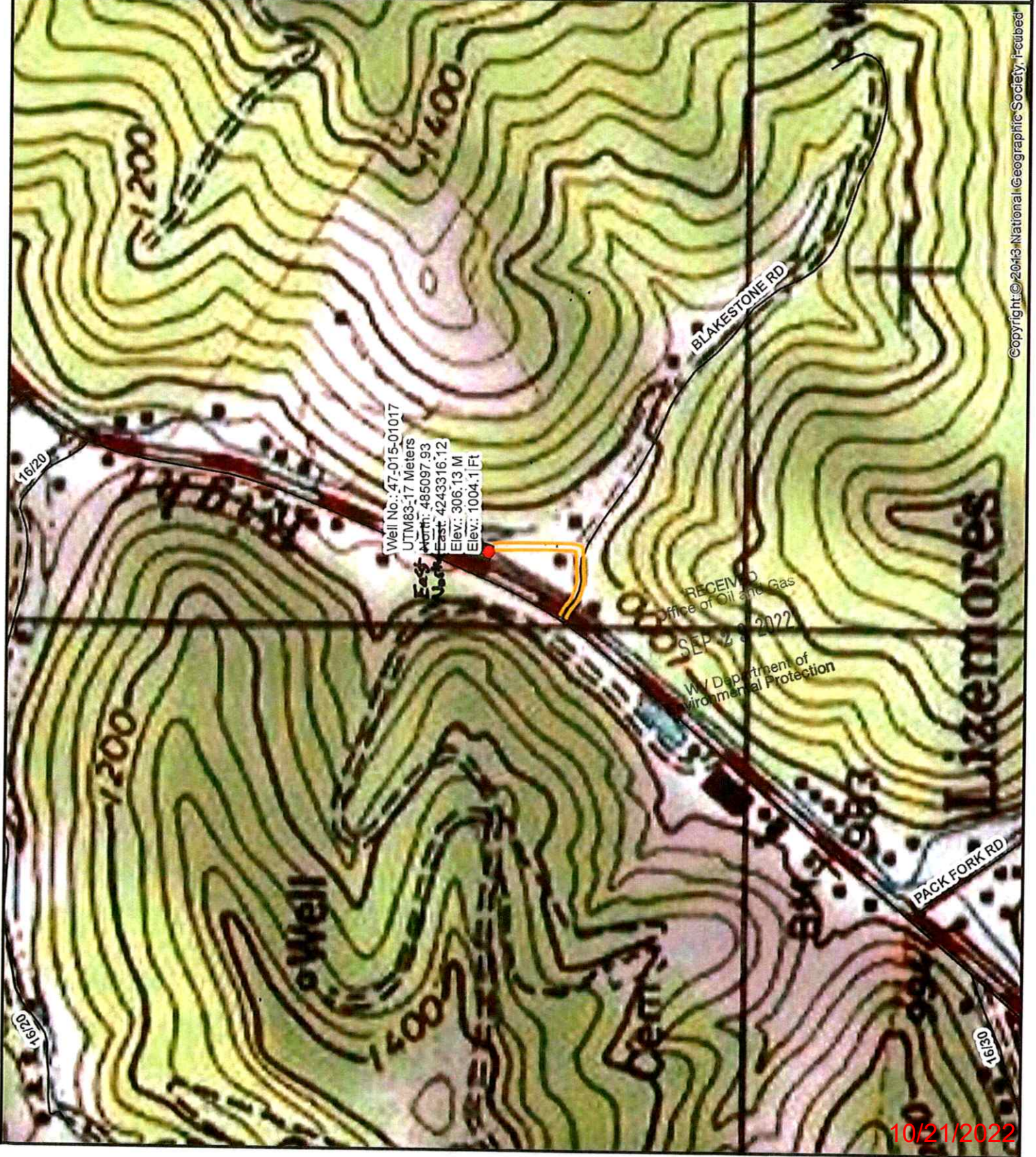
DIVERSIFIED
energy
100 Diversified Way
Pikeville KY, 41051

47-015-01017
Plugging Map

Legend

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

1 P.F.
10' W
20' L
8' D
285 361



Well No.: 47-015-01017
UTM83-17 Meters
East: 4243316.72
Elev.: 1004.1 Ft

RECEIVED
Office of Oil and Gas
SEP 28 2022
WV Department of
Environmental Protection

Copyright © 2013 National Geographic Society, Inc. (revised)

10/21/2022

Well: #2
API: 47-015-01017

PLUGGING PERMIT CHECKLIST

Plugging Permit

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

- WW-4B
- WW-4B signed by inspector
- WW-4A

- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL

- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED



9/30/2022

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, DGOO will be utilizing Class L cement to plug the following well:

Caldwell 2 Storage 47-015-01017

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

Sincerely,

Austin Sutler
Asset Retirement Manager

RECEIVED
Office of Oil and Gas

OCT 03 2022



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) ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

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.

RECEIVED
Office of Oil and Gas

OCT 03 2022

WV Department of
Environmental Protection
10/21/2022

- 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

RECEIVED
Office of Oil and Gas
OCT 03 2022
WV Department of
Environmental Protection
10/21/2022



4701501017P

To Whom it May Concern,

Attached is an amendment that has been submitted to Chief of the office of oil and gas of the West Virginia Department of Environmental Protection. The subject well is listed within the letter to the Chief.

Thank You.

7022 2410 0001 3247 0045

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

Sent _____

Street _____

City _____

Well 2 47-015-01017

Michael Allen Ramsey
115 Grassy Fork Road
Lizemores, WV 25125

PS Form 3800, April 2013 PSN 7530-02-000-9047 See reverse for instructions

HAMLIN WV OFFICE
SEP 30 2022
25623-USPS

RECEIVED
Office of Oil and Gas

OCT 03 2022

WV Department of
Environmental Protection
10/21/2022



in:sent

Compose

Mail

Inbox

Chat

Starred

Spaces

Snoozed

Sent

Drafts

Meet

More

Labels

Online Archive

Archive

Inbox

Sent Items

plugging permits issued 470150101

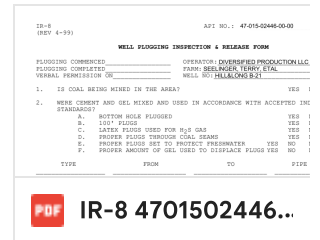
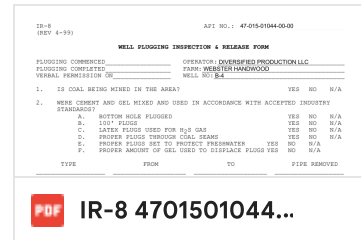
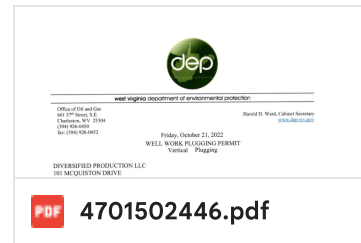


Kennedy, James P <james.p.kennedy@wv.gov>
to Austin, Jeremy, Phyllis, tdavis

To whom it may concern, plugging permits for 4701501017,

James Kennedy
WVDEP OOG

6 Attachments • Scanned by Gmail



Reply

Reply all

Forward

10/21/2022