



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

Tuesday, July 2, 2024

WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for SLHC-3A
47-081-01457-00-00

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: SLHC-3A
Farm Name: ROWLAND LAND COMPANY
U.S. WELL NUMBER: 47-081-01457-00-00
Coal Bed Methane Well Plugging
Date Issued: 7/2/2024

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 May 14, 2024
2) Operator's
Well No. SLHC 003A
3) API Well No. 47-081-01457

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A CBM WELL.

- 4) Well Type: Oil / Gas / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage ; Deep / Shallow)
- 5) Location: Elevation 2700.45' Watershed Peachtree Creek
District Marsh Fork County Raleigh Quadrangle Arnett 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chuck Shafer
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 Murdock Howard Name Next LVL Energy (Diversified Owned)
Address PO Box 140 Address 104 Helliport Loop Rd
Oak Hill, WV 25901 Bridgeport, WV 25330

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

See Attached

THIS IS AN ACCESS WELL
FOR A HORIZONTAL CBM
PINNATE PRODUCTION WELL.

THE PRODUCTION WELL IS
47-081-01458.

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

Work order approved by inspector Murdock Howard Date 5/15/24

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

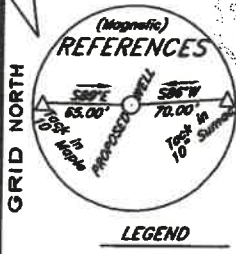
PENN VIRGINIA OIL & GAS
SLHC-3A
 SCALE: 1" = 2000'

WELL LOCATION GEOMETRY

Line	From	To	Bearing	Distance
L1	1137	BLHC-308A	S61°10'02"E	4419.23'
L2	BLHC-308A	BLHC-308B	S67°46'02"E	367.93'
L3	BLHC-308B	158	S37°20'33"E	7563.82'

B370' LATITUDE 37°50'00" 4708' 01457P

PROPOSED DATE OF DRILLING COMPLETION 1/2008
 PROPOSED DATE OF STIMULATION (IF ANY) NONE
PROPOSED WELL COORDINATES
 N:292724.64
 E:1870746.44
 WV SOUTH ZONE
 NAD 27



MINERAL OWNERSHIP CHART

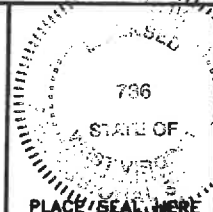
TRACT #	COAL	OIL & GAS	COALBED METHANE
1	Southern Land Company	Southern Land Company	Southern Land Company
2	Rowland Land Company	Rowland Land Company	Rowland Land Company
3	Rowland Land Company	Rowland Land Company	Rowland Land Company
4	Southern Land Company	Lorena Reed, Gladys Copan and Iva Jane Wallace	Lorena Reed, Gladys Copan and Iva Jane Wallace
5	Appalachian Resources, LLC	Rowland Land Company	Pine Mountain Oil & Gas
6	Rowland Land Company	Rowland Land Company	Rowland Land Company
7	James Webb	James Webb	James Webb
8	Taber Heirs	Rowland Land Company	Rowland Land Company
9	Hurst Heirs	Hurst Heirs	Hurst Heirs
10	Taber Heirs	Rowland Land Company	Rowland Land Company
11	Hurst Heirs	Hurst Heirs	Hurst Heirs

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION GPS DISK NO. X
 2628.81'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
 (SIGNED) [Signature]
 R.P.E. L.L.S. 736



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

DATE SEPTEMBER 11, 2007
 OPERATOR'S WELL NO. SLHC-3A
 API WELL NO. 47-081-01457-C
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2702.72' WATERSHED WEBB FORK OF COVE CREEK
 DISTRICT MARSH FORK COUNTY RALEIGH
 QUADRANGLE ARNETT, WV

SURFACE OWNER ROWLAND LAND COMPANY, LLC ACREAGE 894.716
 OIL & GAS ROYALTY OWNER ROWLAND LAND COMPANY, LLC LEASE ACREAGE 894.716
 LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT BRYANT BOWMAN
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 6
KINGSPORT, TN 37660 ALUM CREEK, WV 25003

RECEIVED
 Office of Oil and Gas
 MAY 20 2024
 WV Department of Environmental Protection

07/05/2024

4708101457P

Plugging Prognosis

API #: 4708101457

Casing Schedule

20" @ 38'
13-3/8" @ 319' (CTS w/ 185.26 cu ft)
9 5/8" @ 675' (CTS w/ 259.6 cu ft)
7" @ 1561' (CTS w/ 328.5 cu ft)

MH 5/15/24

TD listed as 1618' – listed on Form WR-35
*Estimated kickoff @ 1618' – listed on Form WR-35 (Reverse Side)

Completion – Pilot Well for CBM production, projected depth of coal seam (1785') is below kickoff point. Unknown if well has bridge plug in it.

Fresh Water: None Listed
Salt Water: None listed
Gas Shows: None listed
Oil Shows: None listed
Coal: 267', 633', 745', 837', 848' - listed on Form WR-35
Elevation: 2702.72'

1. Notify Inspector Roy Howard @ (681) 990-2568, 48 hrs prior to commencing operations.
2. Record pressure on csg.
3. RIH to listed TD.
4. Kill well as needed with 6% bentonite gel.
5. Set CIBP inside 7" csg @ 1551'.
6. Confirm 7" csg is cemented to surface. If not, free point 7" csg. Cut & TOOH.
7. Cement w/ Class L cement from CIBP to surface.
8. Reclaim site and set monument per WV DEP regulations.

Note: The uncased 4 3/4" wellbore from curve to lateral will be filled w/ gel/cement from the production wells when plugging them.

RECEIVED
Office of Oil and Gas

MAY 20 2024

WV Department of
Environmental Protection

07/05/2024

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

MS

Farm Name Rowland Land Company Operator Well No.: SLHC-3A
LOCATION Elevation: 2702.72 Quadrangle: Arnett 7 1/2'

District: Marsh Fork County: Raleigh
Latitude: 11030 Feet South of 37 Deg. 50 Min. 00 Sec.
Longitude: 8870 Feet West of 81 Deg. 25 Min. 00 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: Seven Sheridan Square, Suite 200	20"	38'	38'	-
Kingsport, TN 37660	13 3/8"	319'	319'	185.26 Cu F
Agent: Bryant Bowman	9 5/8"	675'	675'	259.6 Cu Ft
Inspector: Terry Urban	7"	1561'	1561'	328.5 Cu Ft
Date Permit Issued: 11/07/2007				
Date Well Work Commenced: <u>03/13/2008</u>				
Date Well Work Completed: <u>03/20/2008</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 1,618				
Fresh Water Depth (ft): None Reported				
Salt Water Depth (ft): None Reported				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft): 267'; 633'; 745'; 837'; 848'				

OPEN FLOW DATA

Producing formation No Production from this well Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

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

Signed: James Burns
By: JAMES R. BURNS
Date: 10/29/08

RECEIVED
Office of Oil and Gas
MAY 20 2024

WV Department of
Environmental Protection

RECEIVED
Office of Oil & Gas
NOV 14 2008
WV Department of
Environmental Protection
07/05/2024

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand/Shale	0000	0267	
Void	0267	0269	
Sand/Shale	0269	0633	
Coal	0633	0636	
Sand/Shale	0636	0745	
Coal	0745	0747	
Sand/Shale	0747	0837	
Coal	0837	0840	
Shale	0840	0848	
Coal	0848	0850	
Sand/Shale	0850	1785	TD Vertical Hole 1618' TVD Begin Curve for
Projected Lower Beckley	1785	1790	Horizontal Laterals

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

1) Date: 5/14/2024 **4708101457P**
2) Operator's Well Number SLHC 003A

3) API Well No.: 47 - 081 - 01457

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Rowland Land Company, LLC</u>	Name <u>Mountain Eagle Land, LLC</u>
Address <u>405 Capitol St Ste 609</u>	Address <u>836 Euclid Ave.</u>
<u>Charleston, WV 25301</u>	<u>Lexington, KY 40502</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Rowland Land Company, LLC</u>
	Address <u>405 Capitol St Ste 609</u>
	<u>Charleston, WV 25301</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Murdock Howard</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 140</u>	Name <u>Raven Resources, Inc.</u>
<u>Oak Hill, WV 25901</u>	Address <u>One Alpha Place</u>
Telephone <u>(681) 990-2568</u>	<u>Bristol, VA 24202</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



Subscribed and sworn before me this 14th day of May, 2024
Jeffrey Bush Notary Public
 My Commission Expires September 28, 2028

RECEIVED
 Office of Oil and Gas
 MAY 20 2024
 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.

07/05/2024

4708101457P

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

USPS CERTIFIED MAIL™



9407 1362 0855 1037 8320 75



ROWLAND LAND COMPANY LLC
405 CAPITOL ST STE 609
CHARLESTON WV 25301-1778

US POSTAGE AND FEES PAID
2024-05-14
25301
C4000004
Retail
4.0 OZFLAT



0901000010709



RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

SURFACE OWNER WAIVER

4708101457P

Operator's Well
Number

SLHC 003A

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

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,

_____	_____	_____	_____
Signature	Date	Name	By
		By	Its

RECEIVED
Office of Oil and Gas

MAY 20 2024
Date

_____	_____
Signature	Date

WV Department of
Environmental Protection

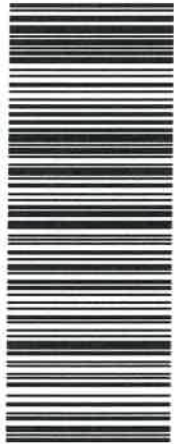
07/05/2024

4708101457P

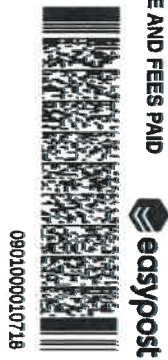
Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

|||||
MOUNTAIN EAGLE LAND LLC
836 EUCLID AVE
LEXINGTON KY 40502-1783

USPS CERTIFIED MAIL™
9407 1362 0855 1037 8240 63



US POSTAGE AND FEES PAID
2024-05-14
25301
C4000004
Retail
4.0 OZ FLAT



RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

4708101457P

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

USPS CERTIFIED MAIL™



9407 1362 0855 1037 8164 19



RAVEN RESOURCES INC
ONE ALPHA PLACE
BRISTOL VA 24202

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

US POSTAGE AND FEES PAID
2024-05-14
25301
C4000004
Retail
4.0 OZ FLAT



0901000010713



07/05/2024

WW-4B

4708101457P

API No. 4708101457
 Farm Name Rowland Land Company
 Well No. SLHC 003A

**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: _____

By: _____
 Its _____

RECEIVED
 Office of Oil and Gas
 MAY 20 2024
 WV Department of
 Environmental Protection

07/05/2024



DIVERSIFIED
energy

4708101457

Date: 5/14/2024

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 4708101457 Well Name SLHC 003A

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

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection



4708101457P

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.

07/05/2024

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. 4708101457P

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

07/05/2024

WW-9
(5/16)

4708101457P

API Number 47 - 081 - 01457
Operator's Well No. SLHC 003A

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)Peachtree Creek QuadrangleArnett 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 [Signature]
Company Official (Typed Name) Chris Veazey
Company Official Title Permitting Supervisor



Subscribed and sworn before me this 14th day of May, 2024

[Signature] Notary Public

My commission expires September 28, 2028

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection
07/05/2024

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 500 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: Murdock Howard

Comments: Operator to cover with cement all oil and gas formations including salty, evaporative coals and fresh water.

Title: Inspector

Date: 5/15/24

Field Reviewed?

Yes

No

RECEIVED
Office of Oil and Gas

MAY 20 2024

WV Department of
Environmental Protection







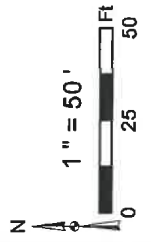
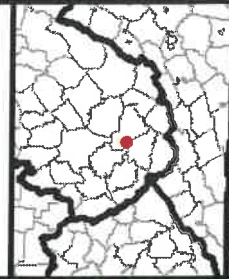
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-081-01457

Plugging Map

Legend

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



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



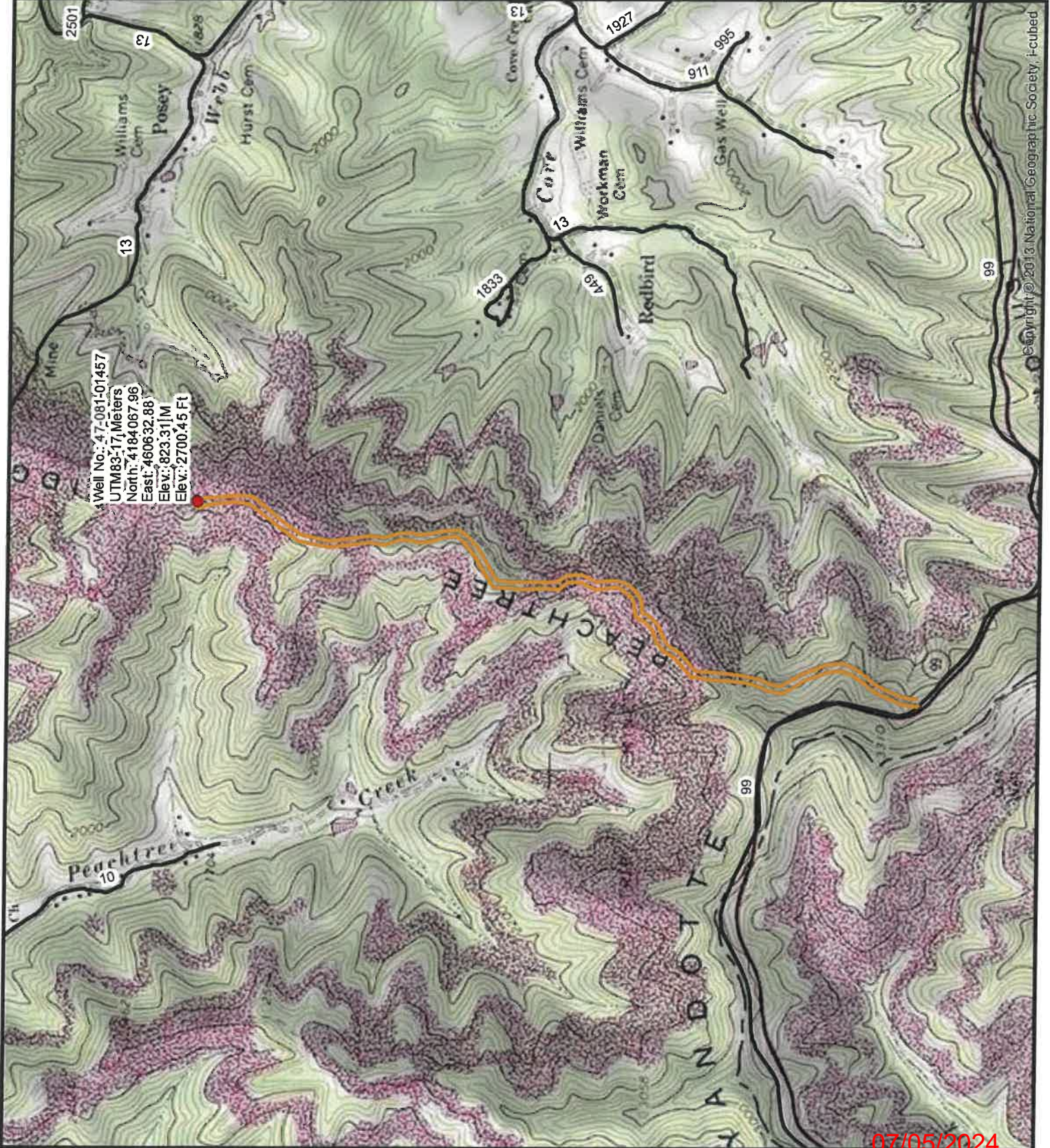
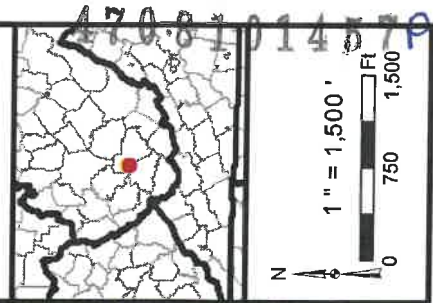
Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville, KY, 41051

47-081-01457

Plugging Map

Legend

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



07/05/2024

WW-7
8-30-06

4708101457



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

API: 4708101457 WELL NO.: SLHC 003A

FARM NAME: Rowland Land Company

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Raleigh DISTRICT: Marsh Fork

QUADRANGLE: Arnett 7.5'

SURFACE OWNER: Rowland Land Company, LLC

ROYALTY OWNER: Rowland Land Company, LLC

UTM GPS NORTHING: 4184067.96

UTM GPS EASTING: 460632.88 GPS ELEVATION: 2700.45'

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 - Director of Administration
Title

5/14/24
Date

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

4708101457P

11/10/2016

PLUGGING PERMIT CHECKLIST
4708101457

ACCESS CBM

Plugging Permit

- 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

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024