



---

west virginia department of environmental protection

---

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

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

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

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for ROWLAND 14  
47-081-01088-00-00

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: ROWLAND LAND CO.  
U.S. WELL NUMBER: 47-081-01088-00-00  
Vertical Plugging  
Date Issued: 9/18/2023

Promoting a healthy environment.

09/22/2023

# 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 August 16, 2023  
2) Operator's  
Well No. Rowland Land 14  
3) API Well No. 47-081-01088

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 2406.28' Watershed Rock Creek - Workman Creek  
District Clear Fork County Raleigh Quadrangle Eccles 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey  
Address 414 Summers Street Address 414 Summers St.  
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Roy Howard Name Next LVL Energy (Diversified Owned)  
Address 173 Baumgartner Ave. 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

RECEIVED  
Office of Oil and Gas  
AUG 25 2023  
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 Roy Howard Date 8/22/23

09/22/2023

STATE OF WEST VIRGINIA 021-1088  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator: DOMINION APPALACHIAN DEVELOPMENT, INC. 47850 (1) 331

2) Operator's Well Number: ROWLAND LAND # 14 (11492) 3) Elevation: 2400'

Well type: (a) Oil \_\_\_/ or Gas X/

(b) If Gas: Production X/ Underground Storage \_\_\_/ Deep \_\_\_/ Shallow X/

Proposed Target Formation(s): GORDON

Proposed Total Depth: 4150 feet

Approximate fresh water strata depths: 60, 160, 200

8) Approximate salt water depths: N/A

9) Approximate coal seam depths: 70, 260, 300, 530, 800, 820

10) Does land contain coal seams tributary to active mine? Yes RECEIVED

11) Proposed Well Work: DRILL & STIMULATE NEW WELL

12)

CASING AND TUBING PROGRAM

WV Department of Environmental Protection

TYPE	SIZE	GRADE	WEIGHT PER FT.	FOOTAGE INTERVALS	FOOTAGE INTERVALS	FOOTAGE INTERVALS
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4"		27#	30'	0	PULL NO CEMENT
Fresh Water						
Coal	8 5/8"		20#	860'	860' CTS.	38 CSR 18-11.2.2
Intermediate						
Production	4 1/2"	M-65	9.5#	4100'	4100'	38 CSR 18-11.1
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond \_\_\_\_\_  Agent  
(Type)

09/22/2023

23901

RECEIVED  
JUL 11 1997  
Office of Oil & Gas

AUG 25 2023

01/28/19

3	STAGE(S)	75Qfoam & HCL	FRAC	DATE	7/31/97
ZONES	PERFS	HOLES	BBL	BP	ISIP
Weir	3366-3507'	10	440 75Q	835	1300
Big Lime	2978-2985	8	60 28% HCL	2486	1631
Upper Maxton	3412-2442	14	425 75Q	1725	1352

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
Sandy Shale	Brown	Medium	0	20	
Sandstone	Gray	Medium	20	95	
Sandy Shale	Gray/Brown	Medium	95	251	
Shale	Gray	Soft	251	281	
Sandy Shale	Gray	Medium	281	560	
Sandstone	Gray/Brown	Medium	560	590	
Sandy Shale	Gray	Medium	590	811	
Sandstone	Gray	Medium Hard	811	918	
Sandy Shale	Gray	Soft	918	1070	
Sandstone	Gray/White	Medium/Hard	1070	1690	
Sandy Shale	Gray/Red	Medium	1690	1886	
Sandstone	Gray	Medium	1886	1950	
Sandy Shale	Gray	Medium/Soft	1950	2060	Gas Ck 2040" No
Sandstone	Gray/White	Medium	2060	2100	Show
Sandy Shale	Red	Medium/Soft	2100	2380	2226' 1/10-1" H2O
Sandy Shale	Red/Gray	Medium	2380	2800	2504' 10/10-1" H2O
Lime	Gray	Medium	2800	3217	2660' 12/10-1" H2O
Sandstone & Shale	Red	Medium/Hard	3217	3300	2782' 12/10-1" H2O
Sandy Shale	Gray	Medium	3300	3365	3217 12/10-1" H2O
Sandstone & Shale str.	Gray	Medium	3365	3415	3430' 15/10-1" H2O
Sandy Shale	Gray	Soft/Medium	3415	3460	3557' 15/10-1" H2O
Sandstone Shale Streak	Gray	Medium	3460	3525	3700' 22/10-1" H2O
Sandy Shale	Gray	Soft/Medium	3525	3700	
			TD	3700'	

RECEIVED  
Office of Oil and Gas

AUG 25 2023

WV Department of  
Environmental Protection

09/22/2023

WR-35

RECEIVED  
OCT 1 1997

03-Jul-97  
API # 47- 81-01089

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

AUG 25 1997

Well Operator's Report of Well Work

Farm name: ROWLAND LAND CO.

Operator Well No.: ROWLAND #14

LOCATION: Elevation: 2,400.00 Quadrangle: ECCLES

District: CLEAR FORK County: RALEIGH  
Latitude: 740 Feet South of 37 Deg. 52Min. 30 Sec.  
Longitude 11320 Feet West of 81 Deg. 20 Min. 0 Sec.

Company: DOMINION APPALACHIAN DEVE  
P. O. DRAWER R  
JANE LEW, WV 26378-0000

Agent: JOHN T. HASKINS

Inspector: RODNEY DILLON  
Permit Issued: 07/08/97  
Well work Commenced: 7/21/97  
Well work Completed: 7/31/97  
Verbal Plugging  
Permission granted on: N/A  
Rotary X Cable Rig  
Total Depth (feet) 3700'  
Fresh water depths (ft) N/A

Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8"	30'	0	Pulled
7"	885'	885'	130 sks
4 1/2"	3658'	3658'	190 sks

OPEN FLOW DATA

Producing formation Weir Pay zone depth (ft) 3366-3507'  
 Gas: Initial open flow 49 MCF/d Oil: Initial open flow N/A Bbl/d  
 Final open flow 1492 MCF/d Final open flow N/A Bbl/d  
 Time of open flow between initial and final tests 22 Hours  
 Static rock Pressure 450psig (surface pressure) after 168 Hours  
 Big Lime 2978-2985'  
 Second producing formation Upper Maxton Pay zone depth (ft) 2412-2442'  
 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

\* Commingled

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 A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

For: Larry J. Cavallo  
DOMINION APPALACHIAN DEVELOPMENT, INC.

By: LARRY J. CAVALLO; Manager of Engineering  
Date: 10/10/97

KAL 1088

## Plugging Prognosis

API #: 4708101088

West Virginia, Raleigh County

Nearest ER: Raleigh General Emergency Room - 1710 Harper Rd, Beckley, WV 25801

## Casing Schedule

7" @ 885' (Cemented to surface w/ 130 sks)

4-1/2" @ 3658' (Cemented to 1016 w/ 190 sks)

TD: 3658'

## Completion:

### Perfs:

Upper Maxton: 2442'-3412'

Big Lime: 2978'-2985'

Weir: 3366'-3507'

Fresh Water: None Listed

Salt Water: None Listed

Gas Shows: None Listed

Oil Shows: None Listed

Coal: None Listed

Elevation: 2,400'

RECEIVED  
Office of Oil and Gas

AUG 25 2023

WV Department of  
Environmental Protection

Roy Howard 8/22/23

1. Notify Inspector Roy Howard @ 681-990-2568, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ wireline and run CBL to determine TOC behind 4-1/2" csg.
4. Run in to 3507'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 1579' Class L cement plug from 3705' to 2126' (All perfs and hydrocarbon zones, elevation plug). Pump in stages as needed. Tag TOC. Top off as needed.
5. TOOH w/ tbg to 2126'. Pump 6% bentonite gel from 2126' to 935'.
6. Free point 4-1/2" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
7. TOOH w/ tbg to 935'. Pump 100' Class L cement plug from 935' to 835' (7" csg shoe plug).
8. TOOH w/ tbg to 835'. Pump 6% bentonite gel from 835' to 100'.
9. TOOH w/ tbg to 100'. Pump 100' Class L cement plug from 100' to Surface (Surface plug).
10. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Operator to cover with cement all oil and gas  
formations including salt, elevation, coals, and fresh water  
Roy Howard 8/22/23

09/22/2023

WW-4A  
Revised 6-07

1) Date: 8/16/2023  
2) Operator's Well Number Rowland Land 14

3) API Well No.: 47 - 081 - 01088

**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>Rowland Land Company, LLC</u>	Name <u>Republic Energy, LLC</u>
Address <u>405 Capitol St. Suite 609</u>	Address <u>2603 Carbon Rd</u>
<u>Charleston, WV 25301</u>	<u>Eskdale, WV 25075</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Republic Energy, LLC</u>
	Address <u>2603 Carbon Rd</u>
	<u>Eskdale, WV 25075</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Roy Howard</u> <i>RH 8/21/23</i>	(c) Coal Lessee with Declaration
Address <u>173 Baumgartner Ave.</u>	Name <u>Black King Mine Development Co.</u>
<u>Oak Hill, WV 25901</u>	Address <u>1989 East Stone Dr.</u>
Telephone <u>(681) 990-2568</u>	<u>Kingsport, TN 37660</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	<u>Diversified Production, LLC</u>	<b>RECEIVED</b> Office of Oil and Gas  <b>AUG 25 2023</b>  WV Department of Environmental Protection
By:	<u>Chris Veazey</u> <i>CLV</i>	
Its:	<u>Permitting Supervisor</u>	
Address	<u>414 Summers Street</u>	
	<u>Charleston, WV 25301</u>	
Telephone	<u>304-590-7707</u>	

Subscribed and sworn before me this 16th day of August 2023  
Sandra L. Measer 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](mailto:depprivacyofficer@wv.gov).

**09/22/2023**



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

RECEIVED  
Office of Oil and Gas

AUG 25 2023

WV Department of Environmental Protection

USPS CERTIFIED MAIL™



9407 1361 0544 0228 1533 55



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

US POSTAGE AND FEES PAID  
2023-08-16  
25301  
C4000004  
Retail  
5.0 OZ/FLAT



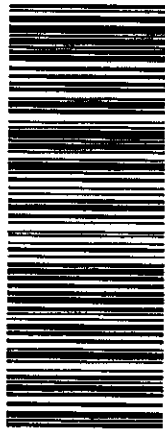
0901000008075



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

RECEIVED  
Office of Oil and Gas  
AUG 25 2023  
WV Department of  
Environmental Protection

USPS CERTIFIED MAIL™



9407 1361 0544 0228 1650 68



REPUBLIC ENERGY LLC  
2603 CARBON RD  
ESKDALE WV 25075-9149

US POSTAGE AND FEES PAID  
2023-08-16  
25301  
C4000004  
Retail  
5.0 OZ FLAT



0901000008089





**DIVERSIFIED**  
energy

Date: 8/16/2023

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

Mr. Martin,

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

API Number 4708101088 Well Name Rowland Land 14

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  
AUG 25 2023  
WV Department of  
Environmental Protection



west virginia department of environmental protection

Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 928-0450

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**

RECEIVED  
Office of Oil and Gas

**AUG 25 2023**

WV Department of  
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.

**09/22/2023**

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 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

RECEIVED  
Office of Oil and Gas

AUG 25 2023

WV Department of  
Environmental Protection

09/22/2023

**SURFACE OWNER WAIVER**

Operator's Well  
Number

Rowland Land 14

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

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

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

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

RECEIVED  
Office of Oil and Gas  
AUG 25 2023  
WV Department of  
Environmental Protection

**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 8/22/23 Name \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_ Date \_\_\_\_\_

Signature

Date

09/22/2023

WW-4B

API No. 4708101088  
Farm Name Rowland Land Company  
Well No. Rowland Land 14

**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

AUG 25 2023

WV Department of  
Environmental Protection

09/22/2023

WW-9  
(5/16)

API Number 47 - 081 - 01088  
Operator's Well No. Rowland Land 14

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) Rock Creek - Workman Creek Quadrangle Eccles 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

RECEIVED

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

Office of Oil and Gas

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

AUG 25 2023

Additives to be used in drilling medium? N/A

WV Department of

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

Environmental Protection

-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*

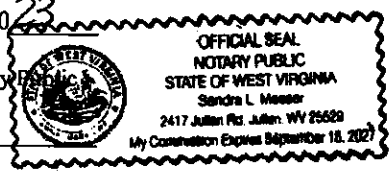
Company Official (Typed Name) Chris Veazey

Company Official Title Manager Plugging Operations

Subscribed and sworn before me this 16th day of August, 2023

Sandra L. Messer

Notary Public



My commission expires Sept. 18, 2027

09/22/2023



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

RECEIVED  
Office of Oil and Gas

AUG 25 2023

WV Department of  
Environmental Protection

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.

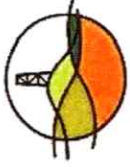
Plan Approved by: Roy Howard

Comments: Tough Access Roads to get there. will have to travel the haul roads for Alpha.

Operator to cover with cement all oil and gas formations including salt, elevation, conks, and fresh water

Title: Inspector Date: 8/22/23

Field Reviewed? (  ) Yes (  ) No



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

47-081-01088

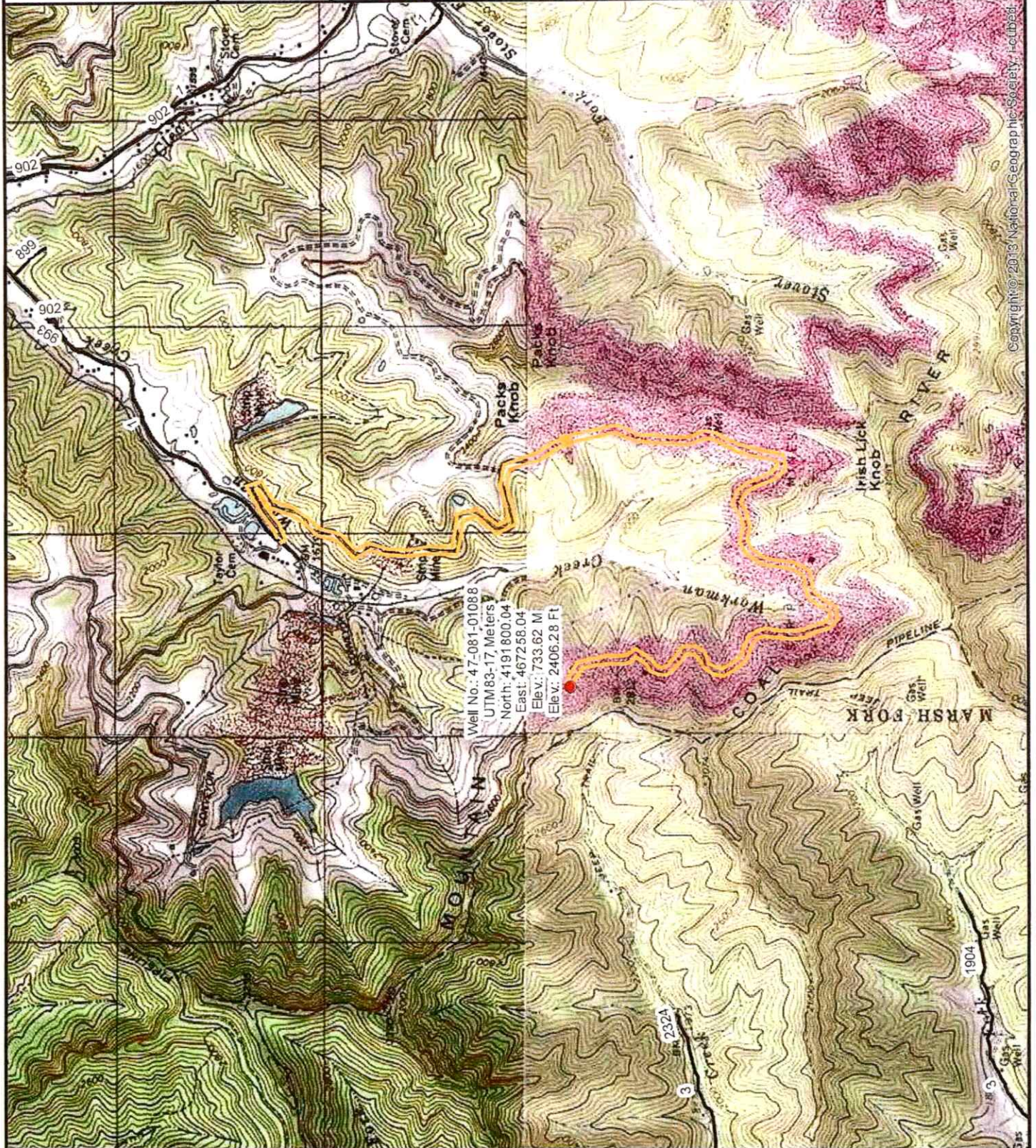
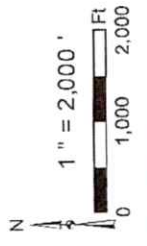
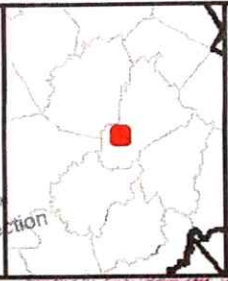
Plugging Map

### Legend

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

RECEIVED  
Office of Oil and Gas  
AUG 25 2023

WV Department of Environmental Protection



Copyright © 2013 National Geographic Society - oct068

09/22/2023

WW-7  
8-30-06



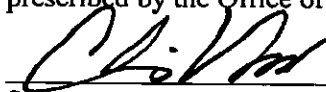
West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 4708101088 WELL NO.: Rowland Land 14  
FARM NAME: Rowland Land Company  
RESPONSIBLE PARTY NAME: Diversified Production, LLC  
COUNTY: Raleigh DISTRICT: Clear Fork  
QUADRANGLE: Eccles 7.5'  
SURFACE OWNER: Rowland Land Company, LLC  
ROYALTY OWNER: Rowland Land Company, LLC  
UTM GPS NORTHING: 4191800.04  
UTM GPS EASTING: 467258.04 GPS ELEVATION: 2406.28'

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 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.

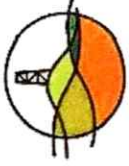
  
Signature

Chris Veazey - Permitting Supervisor  
Title

08/16/23  
Date

RECEIVED  
Office of Oil and Gas  
AUG 25 2023  
WV Department of  
Environmental Protection

09/22/2023








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

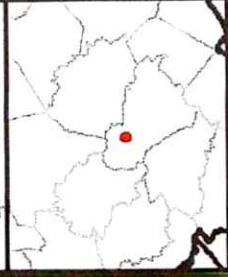
47-081-01088

Plugging Map

**Legend**

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

RECEIVED  
 Office of Oil and Gas  
 AUG 25 2023  
 WV Department of  
 Environmental Protection



Well No.: 47-081-01088  
 UTM 83-17 Meters  
 North: 4191800.04  
 East: 467258.04  
 Elev.: 733.62 M  
 Elev.: 2406.28 Ft

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

09/22/2023

11/10/2016

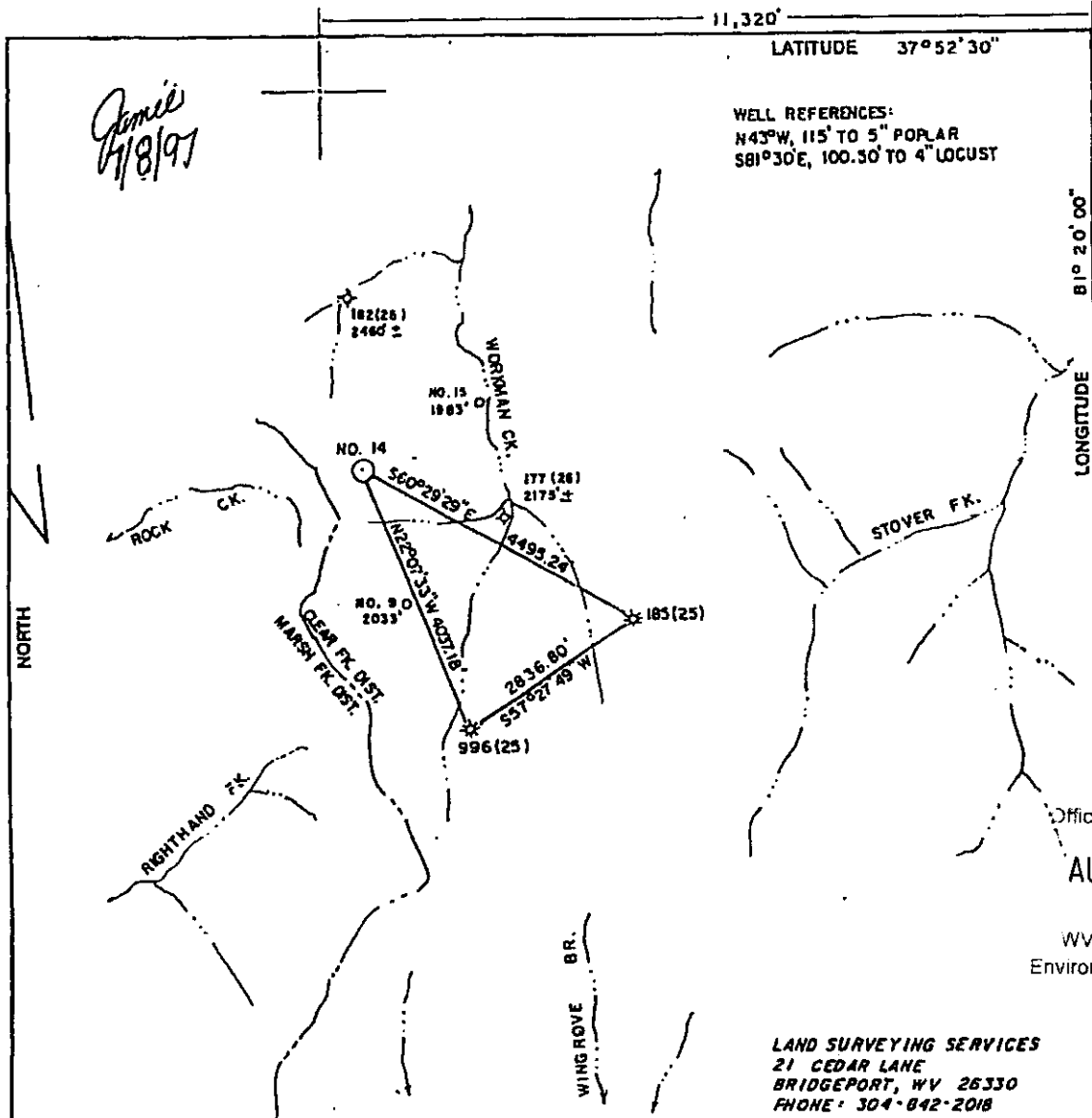
PLUGGING PERMIT CHECKLIST  
4708101088

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  
AUG 25 2023  
WV Department of  
Environmental Protection

09/22/2023

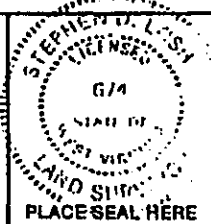


RECEIVED  
 Office of Oil and Gas  
 AUG 25 2023  
 WV Department of  
 Environmental Protection

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 in 500  
 PROVEN SOURCE OF ELEVATION Exist. well #996  
 Elev. = 2371.04'

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 ENERGY.  
 (SIGNED) *[Signature]*  
 R.P.E. \_\_\_\_\_ L.L.S. 674  
 Stephen D. Losh



WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WEST VIRGINIA 25143-2506  
 WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 2400' WATERSHED Workman CREEK  
 DISTRICT Clear Fork COUNTY Raleigh  
 QUADRANGLE Eccles 7.5 min.  
 SURFACE OWNER Rowland Land Co. (Tract #601) ACREAGE 654.875  
 OIL & GAS ROYALTY OWNER Rowland Land Co. LEASE ACREAGE 33,000  
 LEASE NO. \_\_\_\_\_



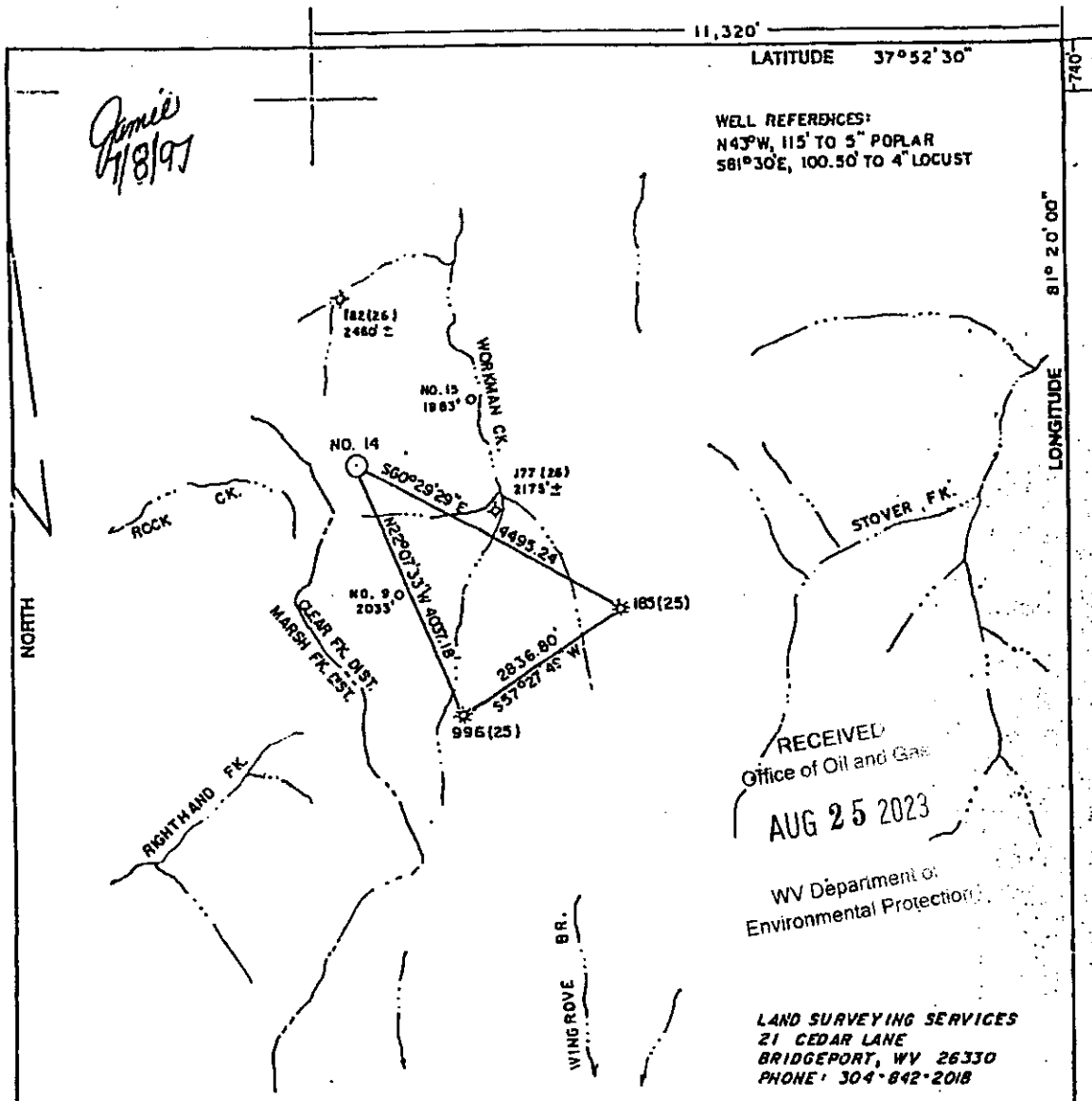
DATE May 30 19 97  
 OPERATOR'S WELL NO. Rowland Land #14  
 API WELL NO. 47-081-01088'  
 STATE COUNTY PERMIT

PROPOSED WORK: DRILL  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 RE-PLUG   
 TARGET FORMATION Gordon EST MATED DEPTH 4200'  
 WELL OPERATOR Dominion Appalachian Development DESIGNATED AGENT John Haskins  
 ADDRESS P. O. Drawer R ADDRESS P. O. Drawer R  
 Jane Lew, WV 26378 Jane Lew, WV 26378

FORM WV-6

COUNTY NAME PERMIT

09/22/2023



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

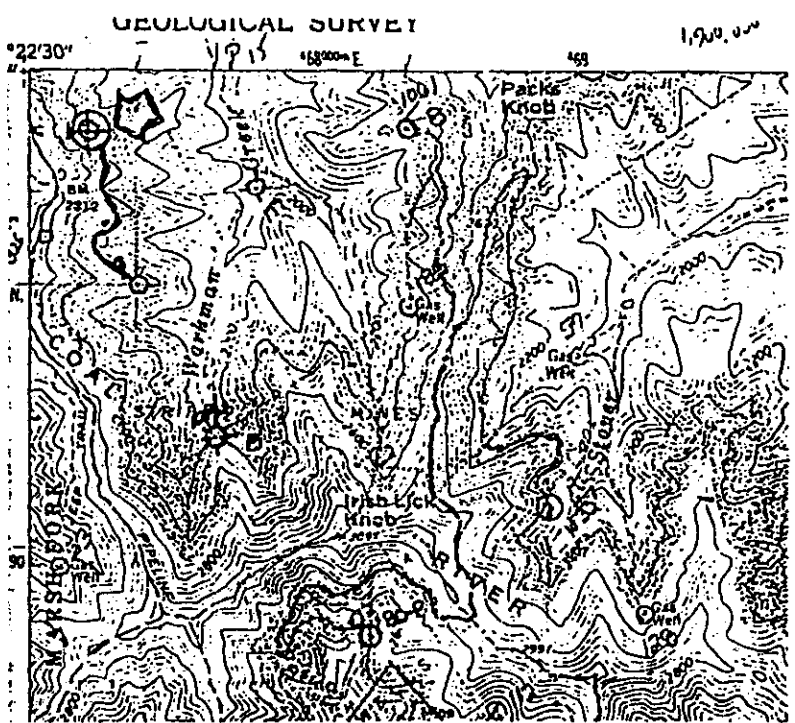
FILE NO. _____ DRAWING NO. _____ SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY 1 in 500 PROVEN SOURCE OF ELEVATION Exist. well #996 Elev. = 2371.04'	I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY (SIGNED) <i>[Signature]</i> R.P.E. _____ I.L.S. 674 Stephen D. Losh	
WEST VIRGINIA		
DIVISION OF ENVIRONMENTAL PROTECTION		
OFFICE OF OIL AND GAS		
#10 McJUNKIN ROAD		
NITRO, WEST VIRGINIA 25143-2506		
WELL TYPE: OIL <input type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> STATE COUNTY PERMIT		
(IF "GAS,") PRODUCTION <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>		
LOCATION: ELEVATION 2400' WATERSHED Workman CREEK		
DISTRICT Clear Fork COUNTY Raleigh		
QUADRANGLE Eccles 7.5 min.		
SURFACE OWNER Rowland Land Co. (Tract #601) ACREAGE 654.875		
OIL & GAS ROYALTY OWNER Rowland Land Co. LEASE ACREAGE 33,000		
LEASE NO. _____		
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR		
STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW		
FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____		
PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG <input type="checkbox"/>		
TARGET FORMATION Gordon ESTIMATED DEPTH 4200'		
WELL OPERATOR Dominion Appalachian Development DESIGNATED AGENT John Haskins		
ADDRESS P. O. Drawer R ADDRESS P. O. Drawer R Jane Lew, WV 26378 Jane Lew, WV 26378		

FORM WV-6

COUNTY NAME

PERMIT

09/22/2023



*APR 2021*  
47-091-01088

**DRAWINGS TO ACCOMPANY FORM WW-9**

Dominion Appalachian Development

P. O. Drawer R

Jane Lew, WV 26378

WATERSHED: Workman Creek

DIST: Clear Fork CO.: Raleigh

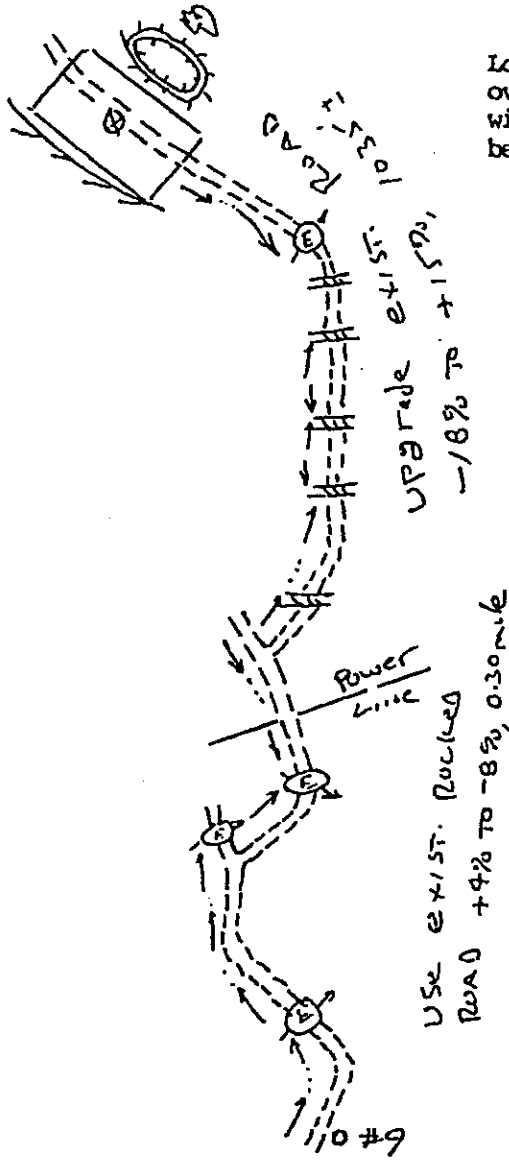
QUAD: Eccles OWN: Rowland #14

DATE: 05/30/97 PAGE      OF     

LAND SURVEYING SERVICES  
21 CEDAR LAKE  
MIDDLEPORT, WV 26330  
PHONE: 304-842-2018

09/22/2023





Location is by a road in an old overgrown strip area. Usable timber will be cut and stacked. Topsoil will be stockpiled for use in revegetation.

Access road leaves the #9 location site and utilizes an existing rocked and culverted coal company road around the strip to a point where another road will be upgraded as it continues around the old strip to the location site. Rock will be used on road where necessary.

RECEIVED  
Office of Oil and Gas

AUG 25 2023

WV Department of  
Environmental Protection

*APL Well No. 11-081-01088*

DRAWINGS TO ACCOMPANY FORM WW-9

Dominion Appalachian Development

P. O. Drawer R

Jane Lew, WV 26378

WATERSHED: Workman Creek

DIST: Clear Fork

CO.: Raleigh

QUAD: Eccles

OWN: Rowland #14

DATE: 05/30/97

PAGE      OF     

LAND SURVEYING SERVICES  
21 CEDAR LAKE  
BRIDGEPORT, WV 26330  
PHONE: 304-643-2018

09/22/2023

Permitting  
Office of Oil and Gas  
JUN 11 1997

1) Date: JUNE 10, 1997  
2) Operator's well number  
ROWLAND LAND #14 (11492)  
3) API Well No: 47 - 081 - 1088  
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

RECEIVED  
Office of \_\_\_\_\_

AUG 25 1997

WV Department of  
Environmental Protection

NOTICE AND APPLICATION FOR A WELL WORK PERMIT.

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name ROWLAND LAND CO., LTD Name N/A  
Address SUITE 609-405 CAPITOL CHARLESTON, WV 25301 Address \_\_\_\_\_
- (b) Name \_\_\_\_\_ (b) Coal Owner(s) with Declaration  
Address \_\_\_\_\_ Name SAME AS SURFACE  
Address \_\_\_\_\_
- (c) Name \_\_\_\_\_ Name \_\_\_\_\_  
Address \_\_\_\_\_ Address \_\_\_\_\_
- 6) Inspector RODNEY DILLON (c) Coal Lessee with Declaration  
Address BOX 131 Name CONSOLIDATED COAL COMPANY  
BRADLEY, WV 25818 Address P O BOX 1289  
Telephone (304)-256-6946 BLUEFIELD, Va 24605  
ATT: ED FANNING

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

\_\_\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

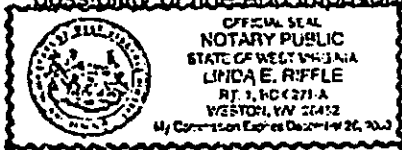
I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by:

- \_\_\_\_\_ Personal Service (Affidavit attached)  
X Certified Mail (Postmarked postal receipt attached)  
\_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.



Well Operator DOMINION APPALACHIAN DEVELOPMENT, INC.  
By: [Signature] JOHN T. HASKINS  
Title: SENIOR VICE PRESIDENT  
Address P O DRAWER R  
JANE LEW, WV 26378  
Telephone (304) 884-2000

Subscribed and sworn before me this 10<sup>th</sup> day of June, 1997

[Signature]  
My commission expires December 26, 2000

Notary Public

081-1088  
Rowland # 14

(RALEIGH)  
Well NO:

Dononlon Appalachian Development  
Rowland Land Co.

RECEIVED  
Office of Oil and Gas

AUG 25 2023

WV Department of  
Environmental Protection

09/22/2023

081-1088

RECEIVED  
Office of Oil and Gas  
AUG 25 2023  
WV Department of  
Environmental Protection

09/22/2023



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

---

## plugging permit issued 4708101088

1 message

---

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

Mon, Sep 18, 2023 at 3:08 PM


To: Chris Veazey <CVeazey@dgoc.com>, Roy W Howard <roy.w.howard@wv.gov>, Austin Sutler <asutler@nexttlvenergy.com>, Phyllis Copley <pcopley@dgoc.com>, raleigh@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4708101088.

James Kennedy

WVDEP OOG

---

 **4708101088.pdf**  
2092K

09/22/2023