



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, February 15, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE
JACKSON CENTER, PA 16133

Re: Permit approval for ROWLAND LAND 12
47-081-01053-00-00

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: ROWLAND LAND 12
Farm Name: CONSOL. COAL CO.
U.S. WELL NUMBER: 47-081-01053-00-00
Vertical Plugging
Date Issued: 2/15/2022

Promoting a healthy environment.

02/18/2022

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.

4708101053P

WW-4B
Rev. 2/01

1) Date February 1, 2022
2) Operator's Well No. Rowland 12
3) API Well No. 47-081 - 01053

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 2399.09 feet Watershed Wingrove Branch of Sandlick Creek
District Clear Fork County Raleigh Quadrangle Eccles

6) Well Operator Diversified Production, LLC 7) Designated Agent Jeff Mast
Address 414 Summers Street Address 31 Hickory Drive
Charleston, WV 25301 Barboursville, WV 25504

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Gary Kennedy Name R & J Well Services
Address 66 Old Church Lane Address P.O. Box 40
Pipestem, WV 25979 Hueysville, KY 41640-0040

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

See Attached

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Office of Oil and Gas

FEB 09 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 [Signature] Date 2/4/2022

02/18/2022

Plugging Prognosis

API #: 4708101053

West Virginia, Raleigh Co.

Lat/Long: 37.855654, -81.360218

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

Casing Schedule:

8-5/8 @ 708' (cemented to 345' w/ 105 sx)

4-1/2" @ 4208' (cemented to 1510' w/ 194 sx)

TD @ 4208'

IN 2020
30 MCF/DAY PRODUCTION

Completion: Gordon – 4002'-4096'
 Weir – 3492'-3514'
 Big Lime – 3070'-3076'
 L&M Maxton – 2513'-2799'
 Ravencliff – 2166'-2176'

Fresh Water: 80'

Salt Water: None listed

Gas Shows: 2300'; 2400'; 2560'; 2900'; 3340'-3380'; 3680'; 4120'

Oil Shows: None listed

Coal: 120'; 170'; 183'; 278'; 440'

Elevation: 2,393'

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Environmental Protection

1. Notify Inspector Gary Kennedy @ 304-382-8402, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ wireline.
4. Run in to depth @ 4096'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 194' C1A cement plug from 4096' to 3902' (**Gordon Completion plug**) Tag TOC. Top off as needed.
5. TOOH w/ tbg to 3902'. Pump 6% bentonite gel from 3902' to 3680'.
6. TOOH w/ tbg to 3680'. Pump 440' C1A cement plug from 3680' to 3240' (**Weir Completion and gas show plug**).
7. TOOH w/ tbg to 3240'. Pump 6% bentonite gel from 3240' to 3076'.
8. TOOH w/ tbg to 3076'. Pump 1010' C1A cement plug from 3076' to 2066' (**Big Lime, L&M Maxton and Ravencliff Completion, elevation and gas shows plug**).
9. TOOH w/ tbg to 2066'. Pump 6% bentonite gel from 2066' to 758'.
10. Free point 4-1/2" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. Pump 6% bentonite gel from top of plug to 664' **Do not omit any plugs listed below. Perforate as needed.**
11. TOOH w/ tbg to 758'. Pump 100' C1A cement plug from 758' to 658' (8-5/8" csg shoe depth).
12. TOOH w/ tbg to 658'. Pump 6% bentonite gel from 658' to 490'.



02/18/2022

13. Free point 8-5/8" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. Pump 6% bentonite gel from top of plug to 664' **Do not omit any plugs listed below. Perforate as needed.**
14. TOOH w/ tbg to 490'. Pump 100' C1A cement plug from 490' to Surface (Coal shows, fresh water, and surface plug).
15. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

WR-35

04-Oct-96
API # 47- 81-01053

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

Well Operator's Report of Well Work

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Office of Oil and Gas

Farm name: CONSOLIDATION COAL CO. Operator Well No.: ROWLAND #12

LOCATION: Elevation: 2,393.00 Quadrangle: ECCLES

FEB 09 2022

District: CLEAR FORK County: RALEIGH
Latitude: 7015 Feet South of 37 Deg. 52Min. 30 Sec.
Longitude 7900 Feet West of 81 Deg. 20 Min. 0 Sec.

WV Department of
Environmental Protection

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

Agent: JOHN T. HASKINS

Inspector: RODNEY DILLON
Permit Issued: 10/10/96
Well work Commenced: 11/05/96
Well work Completed: 11/10/96
Verbal Plugging
Permission granted on: N/A
Rotary Cable Rig
Total Depth (feet) 4255'
Fresh water depths (ft) 80'
Salt water depths (ft) N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	30	0	PULLED
8 5/8"	708	708	105 SKS
4 1/2"	4208'	4208'	194 SKS

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 120', 170', 183', 278', 440'

OPEN FLOW DATA

GORDON 4002-4096
Producing formation WEIR Pay zone depth (ft) 492-3514
Gas: Initial open flow 55 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 377 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 17 Hours
Static rock Pressure 480 psig (surface pressure) after 168 Hours
Big Lime 3070-3076
Second producing formation L & M Maxton Pay zone depth (ft) 2515-2799
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.

RECEIVED
OFFICE OF OIL AND GAS

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

JAN 17 1997

By: LARRY J. CAVALLO; SENIOR GEOLOGIST
Date: 1/10/97

WV Division of
Environmental Protection

VAL 1053

02/18/2022

4708101053P

WR-35 Case of Oil & Gas Permitting
SEP 21 1999
WV Division of Environmental Protection

14-May-99
API # 47- 81-01053 F
Reviewed MSD

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

Farm name: CONSOL. COAL CO. Operator Well No.: ROWLAND LAND 12

LOCATION: Elevation: 2,393.00 Quadrangle: ECCLES

District: CLEAR FORK County: RALEIGH
Latitude: 7015 Feet South of 37 Deg. 52Min. 30 Sec.
Longitude 7900 Feet West of 81 Deg. 20 Min. 0 Sec.

Company: DOMINION APPALACHIAN DEVE
P. O. BOX 1248
JANE LEW, WV 26378-0000

Agent: JOHN T. HASKINS

Inspector: RODNEY DILLON
Permit Issued: 05/14/99
Well work Commenced: 8/2/99
Well work Completed: 8/2/99
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) _____
Fresh water depths (ft) _____
Salt water depths (ft) _____
Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
* no Change; See Original WR-35			

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WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation Ravencliff Pay zone depth (ft) 2166-2176'
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 103 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 8 Hours
 Static rock Pressure 40 psig (surface pressure) after 24 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 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: 9/20/99

RAL 1053 F

02/18/2022

4	STAGE(S)	Acid & 75 O FOAM	FRAC	DATE 12/12/96		
ZONES	PERFS	HOLES	BBL	BR	ISIP	
GORDON	4002-4096	14	139 75Q	1770	1300	
WEIR	3492-3514	24	170 75Q	2250	1170	
BIG LIME	3070-3076	8	60 (28% HCL)	1880	1730	
L & M MAXTON	2513-2799	16	174 75Q	2800	1000	

Handwritten signature

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
OVERBURDEN			0'	60'	
SANDY SHALE			60'	120'	WET @ 80' 1"
COAL			120'	121'	Stream
SANDY SHALE			121'	170'	
COAL			170'	170.5'	
SHALE			170.5'	183'	
COAL			183'	184'	
SANDY SHALE			184'	198'	
SANDSTONE			198'	260'	
SHALE			260'	278'	
COAL			278'	280'	
SANDY SHALE			280'	360'	
SANDSTONE			360'	440'	
COAL			440'	442'	
SANDY SHALE			440'	500'	
SANDSTONE			500'	580'	
SANDY SHALE			580'	640'	
SANDSTONE			640'	680'	
SHALE			680'	720'	
SANDY SHALE			720'	741'	T.D. 8 1/2" HOLE
SANDY SHALE			741'	760'	
SANDSTONE			760'	910'	
SANDY SHALE			910'	1100'	
SHALE			1100'	1150'	
SANDY SHALE			1150'	1430'	
SHALE			1430'	1500'	
SANDSTONE			1500'	1650'	
SANDY SHALE			1650'	1870'	
SANDSTONE			1870'	2010'	
SANDY SHALE			2010'	2140'	
SANDSTONE			2140'	2195'	
SANDY SHALE			2195'	2235'	GAS CK @ 2200'
RED SHALE			2235'	2345'	NO SHOW -1" H2O
SANDSTONE			2345'	2410'	
SANDY SHALE			2410'	2505'	GAS CK @ 2300'
SANDSTONE			2505'	2550'	80/10-1" H2O
SANDY SHALE			2550'	2751'	
SANDSTONE			2751'	2815'	GAS CK @ 2400'
SANDY SHALE			2815'	2910'	80/10-1" H2O
LIME			2910'	3330'	
SHALE (RED)			3330'	3370'	GAS CK @ 2560'
BLACK SHALE			3370'	3490'	80/10 -1" H2O
SANDSTONE WEIR			3490'	3640'	
BLACK SHALE			3640'	3840'	GAS CK @ 2900'
GRAY SHALE			3840'	4080'	40/10 -1" H2O
SANDY SHALE			4080'	4255'	GAS CK @ 3340-3380
TD				4255'	10/10 -1" H2O
					GAS CK @ 3680
					3/10-1" MERC.
					2/10-1" MERC.

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WV Department of
Energy, Environment & Natural Resources

02/18/2022

4708101053P

<u>One</u> ZONES	<u>STAGE(S)</u> PERFS.	<u>750 foam</u> HOLES	<u>FRAC</u> BBL	<u>DATE</u> BP	<u>7/26/99</u> ISI
Ravencliff	2166-2176	16	90	937	0

<u>FORMATION</u>	<u>COLOR</u>	<u>HARD/SOFT</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
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JK

* No change; see original WR-35

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Office of Oil and Gas

FEB 09 2022

WV Department of
Environmental Protection

02/18/2022

WW-4A
Revised 6-07

1) Date: February 1, 2022
2) Operator's Well Number: Rowland 12
3) API Well No.: 47 - 081 - 01053

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: (a) Name: Clear Fork Coal Company, LLC; Address: P.O. Box 271, Julian, WV 25529; (b) Name: ; Address: ; (c) Name: ; Address: . 5) (a) Coal Operator: Name: None; Address: ; (b) Coal Owner(s) with Declaration: Name: Rowland Land Company, LLC; Address: 405 Capitol Street, Suite 609, Charleston, WV 25301; (c) Coal Lessee with Declaration: Name: Republic Energy, LLC; Address: 4101 Slate Drive, Scarbro, WV 25917.

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: Jeff Mast
Its: Director Technical Services
Address: 414 Summers Strret, Charleston, WV 25301
Telephone: 304-543-6988

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Office of Oil and Gas
FEB 3 2022
WV Department of Environmental Protection

Subscribed and sworn before me this 2nd day of February 2022
My Commission Expires September 16, 2023
Phyllis A. Copley Notary Public

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.

Rowland 12
47-081-01053P

7020 2450 0001 5225 1679

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Julian, WV 25529

OFFICIAL USE

Certified Mail Fee	\$3.75
Postage	\$2.36
Total Price	\$6.11

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

<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postmark Here
 JULIAN WV 0523
 FEB 04
 2022
 USPS
 02/02/2022

Sent To: **317A, 317B, Rowland 12**
 Clear Fork Coal Company, LLC
 Street: P.O. Box 271
 City, State: Julian, WV 25529

PS Form 3800, June 2015

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Office of Oil and Gas
FEB 3 2022
WV Department of
Environmental Protection

02/18/2022

Rowland 12
47-081-01053P

7020 2450 0001 5225 2881

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Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$7.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.36

Postmark Here
02/02/2022

To: **317A, 1317B, Rowland 12**
Rowland Land Company, LLC
405 Capitol Street, Suite 609
Charleston, WV 25301

Instructions

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WV Department of
Environmental Protection

02/18/2022

Rowland 12
47-081-01053P

7020 2450 0001 5225 2874

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Scarbro, WV 25917

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Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.36
Total Price	\$9.17

Postmark: FEB 02 2022
Post Office: HARTMANVILLE, WV 25923

Sent To: Republic Energy, LLC
Street: 4101 Slate Drive
City, State: Scarbro, WV 25917

PS Form 3800, Instructions

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Office of Oil and Gas
FEB 3 2022
WV Department of
Environmental Protection

02/18/2022

WW-9
(5/16)

API Number 47 - 081 - 01053
Operator's Well No. Rowland 12

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) Wingrove Branch of Sandlick Creek Quadrangle Eccles

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 *JK*

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 Twin Branch - 2D 04701511002)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

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

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

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

Additives to be used in drilling medium? N/A

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

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

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

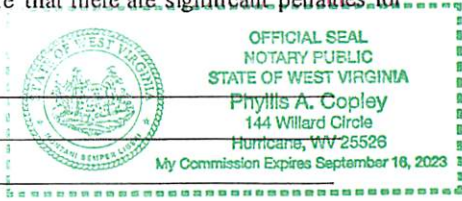
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Office of Oil and Gas
FEB 09 2022
WV Department of
Environmental Protection

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 *Jeff Mast*
Company Official (Typed Name) Jeff Mast
Company Official Title Director Technical Services



Subscribed and sworn before me this 2nd day of February, 2022

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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

Lime 3 Tons/acre or to correct to pH 6.05

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: [Signature]

Comments:

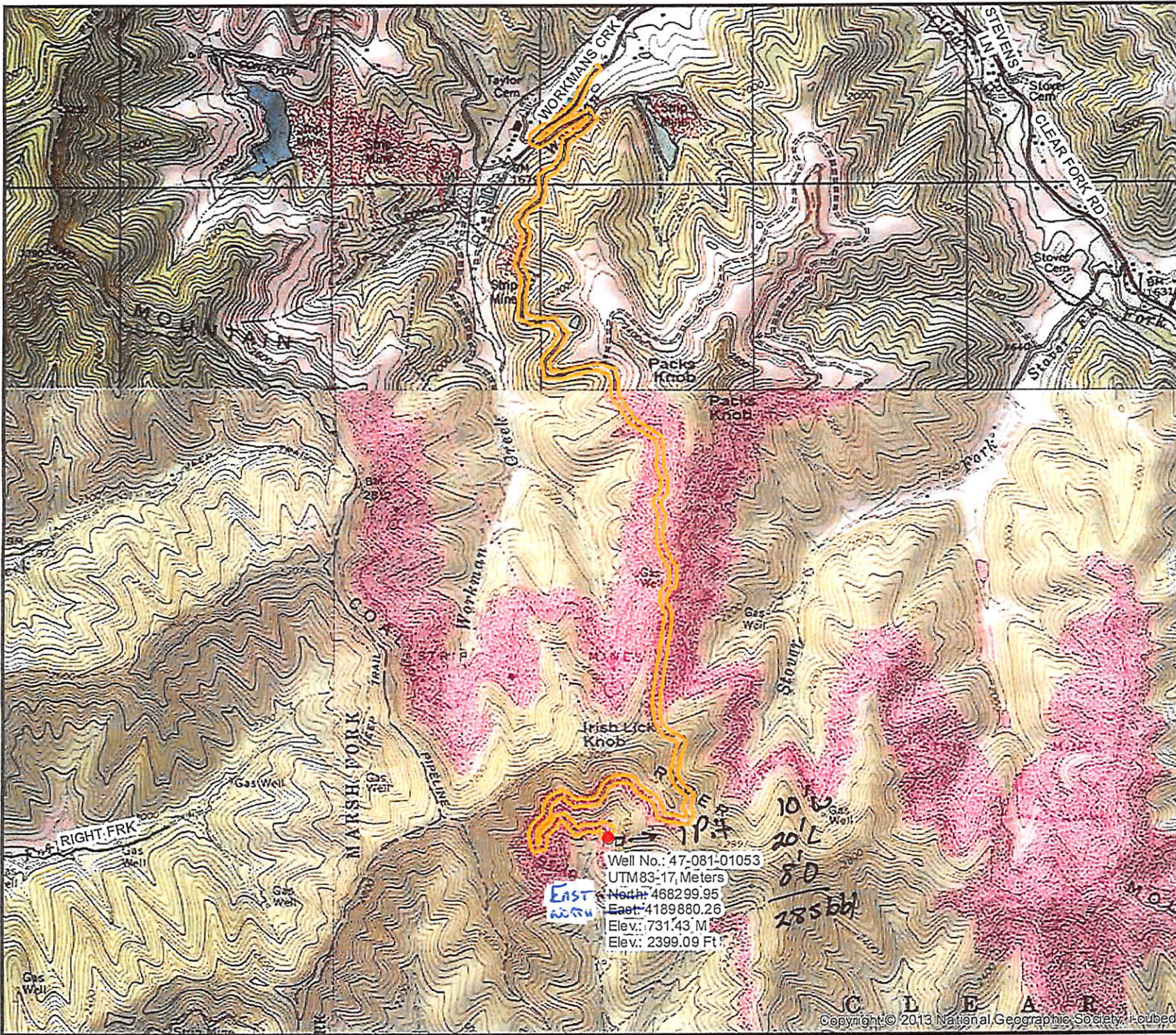
RECEIVED Office of Oil and Gas

FEB 09 2022

WV Department of Environmental Protection

Title: Inspector Date: 2/4/2022

Field Reviewed? () Yes () No



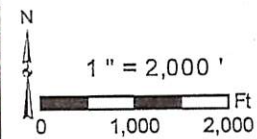
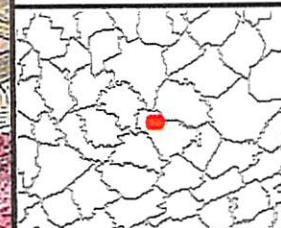
Diversified Gas & Oil Corporation
 100 Diversified Way
 Pikeville KY, 41051

47-081-01053

Plugging Map

Legend

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



Well No.: 47-081-01053
 UTM83-17, Meters
 North: 468299.95
 East: 4189880.26
 Elev.: 731.43 M
 Elev.: 2399.09 Ft

10 W
 20 L
 8-0
 285 bbl

East well

4708101053P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-081-01053 WELL NO.: 12
 FARM NAME: Rowland Land Co.
 RESPONSIBLE PARTY NAME: Diversified Production LLC
 COUNTY: Raleigh DISTRICT: Clear Fork
 QUADRANGLE: Eccles 7.5"
 SURFACE OWNER: Clear Fork Coal Co.
 ROYALTY OWNER: Rowland Land Company LLC
 UTM GPS NORTHING: 4189880.26
 UTM GPS EASTING: 468299.95 GPS ELEVATION: 2399.09

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 ____

- 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

Digitally signed by Austin Suttler
Date: 2022.01.31 10:12:07
-05'00'

Sr. Proj. Manager
Title

1/31/2022
Date

RECEIVED
Office of Oil and Gas

FEB 09 2022

WV Department of
Environmental Protection

02/18/2022



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permit API: 47-081-01053)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Tue, Feb 15, 2022 at 8:47 AM

To: "Mast, Jeff" <jmast@dgoc.com>, raleigh@wvassessor.com, Gary L Kennedy <gary.l.kennedy@wv.gov>

I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.


47-081-01053 - ROWLAND LAND 12


If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry
Environmental Resource Specialist 3
West Virginia Department of Environmental Protection
Office of Oil & Gas
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 ext. 41115
(304) 926-0452 fax
Wade.A.Stansberry@wv.gov

2 attachments

 **IR-8 Blank.pdf**
216K

 **47-081-01053 - Copy.pdf**
4218K

02/18/2022