



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

Thursday, March 6, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for ESTRS-7
47-005-02292-00-00

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

A blue ink signature of James A. Martin, Chief, is written over the text.

Operator's Well Number: ESTRS-7
Farm Name: ROBIN LAND COMPANY, LLC
U.S. WELL NUMBER: 47-005-02292-00-00
Vertical Plugging
Date Issued: 3/6/2025

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.

47005022929

- 1) Date January 17, 2025
- 2) Operator's
Well No. Robin Land 7
- 3) API Well No. 47-005 - 02292

**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 905.07' Watershed Bush Creek
District Peytona County Boone Quadrangle Racine 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified Name Terry Urban
Address PO Box 1207
Clendenin, WV 25045
- 9) Plugging Contractor Name Next LVL Energy (Diversified Owned)
Address 104 Helliport Loop Rd
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

JAN 31 2025

WV Department of
Environmental Protection

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

Work order approved by inspector  Date 1-27-25

03/07/2025

Plugging Prognosis

API #: 47-005-02292

West Virginia, Boone County

Lat/Long – 38.063996, -81.969374

Nearest ER: Boone Memorial Hospital: Emergency Room – 701 Madison Ave, Madison, WV 25130

Casing Schedule

12-3/4" @ 25' – No Cementing Information

9-5/8" @ 640' – Cemented w/ 297 cu ft – ETOC @ Surface

7" @ 1270' – Cemented w/ 324 cu ft – ETOC @ 79' using 9" O.H. →

7" CEMENTED TO SURFACE
w/ 2154' OF CEMENT GRN

4-1/2" @ 4443' – **No Cementing Information** – Permit had planned for 240 cu ft – Would put ETOC @ 2104' using 6-1/4" O.H.

TD @ 4510' TVD

Completion: Perfs 4231'-4296'. Formation breakdown only, no frac.

Fresh Water: None Reported

Salt Water: 880', 1050'

Gas Shows: None Reported

Oil Shows: None Reported

Coal: None Reported

Elevation: 917'

Operator To Core with Cement All Oil & Gas Formation
Including Salts, Elevation, Coals, Freshwater – pull all
Free pipe

1. Notify Inspector Terry Urban @ 304-549-5915, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg. Blow down & kill well as needed.
3. Check TD w/ sandline/tbg.
4. Free point 4-1/2" csg. Record for later use.
5. **Pump Gel between each plug.**
6. TIH w/ tbg to 4500'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 319' Class L/Class A cement plug from **4500' to 4181' (4-1/2" Csg Shoe & Marcellus Plug)**. Approximately 32 sks @ 1.14 yield. **Do not omit any plugs listed below. Perforate as needed.**
7. Cut 4-1/2" csg and TOO H. Set 100' Class L/Class A cement plug across csg cut. 50' in/out of cut. TOO H w/ tbg to top of plug. Approximately 14 sks @ 1.14 yield. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
8. ✓ TOO H w/ tbg to 1320'. Pump 730' Class L/Class A cement plug from **1320' to 590' (7" Csg Shoe, Saltwater, Elevation & 9-5/8" Csg Shoe Plug)**. Approximately 154 sks @ 1.14 yield. **Do not omit any plugs listed below. Perforate as needed.**
9. 7" CTS } Free point 7" csg. If not CTS, cut and TOO H. Set 100' Class L/Class A cement plug across csg cut. 50' in/out of cut. TOO H w/ tbg to top of plug. Approximately 30 sks @ 1.14 yield. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed. Can combine with Surface & 12-3/4" Csg Shoe Plug if feasible.**
10. TOO H w/ tbg to 100'. Pump 100' Class L/Class A cement plug from **100' to Surface (Surface & 12-3/4" Csg Shoe Plug)**. Approximately 22 sks @ 1.14 yield. **Do not omit any plugs listed below. Perforate as needed.**
11. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

RECEIVED
Office of Oil and Gas

JAN 31 2025

WV Department of
Environmental Protection

[Signature]
1-27-25

03/07/2025

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

RECEIVED
Office of Oil & Gas
APR 01 2009
WV Department of
Environmental Protection

Farm Name Robin Land Company

Operator Well No. ES1RS

LOCATION Elevation: 917

Quadrangle: Racine, WV

District: Peytona County: Boone
Latitude: 300 Feet South of 38 Deg. 10 Min. 00 Sec.
Longitude: 4150 Feet West of 81 Deg. 42 Min. 30 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>Seven Sheridan Square, Suite 200</u>	<u>12 3/4"</u>	<u>25'</u>	<u>25'</u>	
<u>Kingsport, TN 37660</u>	<u>9 5/8"</u>	<u>640'</u>	<u>640'</u>	<u>220sks/297c</u>
Agent: <u>Bryant Bowman</u>	<u>7"</u>	<u>1270'</u>	<u>1270'</u>	<u>240sks/324c</u>
Inspector: <u>Barry Stollings</u>	<u>4 1/2"</u>	<u>4443'</u>	<u>4443'</u>	
Date Permit Issued: <u>06/10/2008</u>				
Date Well Work Commenced: <u>09-18-2008</u>				
Date Well Work Completed: <u>Well Not Completed</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): <u>4,510 TVD</u>				
Fresh Water Depth (ft): <u>None Reported</u>				
Salt Water Depth (ft): <u>880', 1050'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft):				

OPEN FLOW DATA

Producing formation Marcellus Pay zone depth (ft) 4,296
 Gas: Initial open flow N/A MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow N/A 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:

By: James R. Burns
Date: 3/25/2009

RECEIVED
Office of Oil and Gas
JAN 31 2025
WV Department of
Environmental Protection

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

Marcellus - (4296-4231) Formation breakdown only, no frac. ISIP 769 psi.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand & Shale	0000	0742	
Sand	0742	1004	Water @ 880'
Shale	1004	1142	
Sand	1142	1202	
Little Lime	1202	1212	
Shale	1212	1216	
Big lime	1216	1390	
Shale	1390	1414	
Big Injun	1414	1432	
Sand/Shale/SLTS	1432	1846	
Sunbury/Coffee	1846	1862	
Berea	1862	1870	
Upper Devonian Shale	1870	2100	
Gordon	2100	2132	
Upper Devonian Shale	2132	3046	
Lower Huron	3046	3584	
Java	3584	3706	
Angola	3706	4026	
Rhinestreet	4026	4274	
Marcellus	4274	4326	
Corniferous	4326	4510	TD 184'

RECEIVED
Office of Oil and Gas

JAN 31 2025

WV Department of
Environmental Protection



03/07/2025



Table Descriptions
 County Code Translations
 Permit Numbering Schemes
 Usage Notes
 Contact Information
 Disclaimer
 WVGES Main
 Pipeline-Plus: New

Select County: (005) Boone (Check All)

Enter Permit #: 02292

Get Data

Select datatypes: Production Plugging
 Location Stratigraphy Sample
 Owner/Completion Logs Btm Hole Loc
 Pay/Show/Water

Report Time: Thursday, February 13, 2025 12:56:35 PM

Well: County = 5 Permit = 02292 [Link to all digital records for well](#)

WV Geological & Economic Survey

Location Information: [View Map](#)

API 4700502292 Boone Madison 2282 Westington Mud 38.063996 -81.969374 414964.6 4213399.1

There is no Bottom Hole Location data for this well

Owner Information:
 API CMP_DT SUFFIX STATUS SURFACE_OWNER WELL_NUM CO_NUM LEASE_NUM MINERAL_OWN OPERATOR_AT_COMPLETION PROP_VD PROP_TRGT_FM TFM_EST_PR
 4700502292 -/- Original Loc Completed Robin Land Company 7 ESTRS Greenbrier Land Company, et al Penn Virginia Oil & Gas Corp. 4550 Marcellus Fm

Completion Information:
 API CMP_DT SPUD_DT ELEV DATUM FIELD DEEPEST_FM DEEPEST_FMT INITIAL_CLASS FINAL_CLASS TYPE RIG CMP_MTHD TVD TMD NEW_FTG KOD G_BEF G_AFT O_BEF O_AFT NGL_BEF NGL_AFT P_BEF T1_BEF P_AFT T1_AFT
 4700502292 -/- 9/18/2008 917 Ground Level Rhr-Ah-Frisbg Onondaga Ls Rhinestreet Sh Development Well Unsuccessful not available Rotary Unstm/Casd 4510 4510

Pay/Show/Water Information:
 API CMP_DT ACTIVITY PRODUCT SECTION DEPTH_TOP FM_TOP DEPTH_BOT FM_BOT G_BEF G_AFT O_BEF O_AFT WATER_QNTY
 4700502292 -/- Water Vertical 880 Pennsylvania System
 4700502292 -/- Water Vertical 1050 Pennsylvania System

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4700502292	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4700502292	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4700502292	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4700502292	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Nyris Exploration Co., LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4700502292	Diversified Production, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_BOTTOM	THICKNESS	THICKNESS_QUALITY	ELEV DATUM
4700502292	Original Loc	Little Lime	Well Record	1202	Reasonable	10	Reasonable	917 Ground Level
4700502292	Original Loc	Greenbrier Group	Well Record	1216	Reasonable	174	Reasonable	917 Ground Level
4700502292	Original Loc	Big Lime	Well Record	1414	Reasonable	18	Reasonable	917 Ground Level
4700502292	Original Loc	Big Lijin (Price&eq)	Well Record	1646	Reasonable	16	Reasonable	917 Ground Level
4700502292	Original Loc	Sunbury Sh	Well Record	1862	Reasonable	8	Reasonable	917 Ground Level
4700502292	Original Loc	Berea Ss	Well Record	2100	Reasonable	32	Reasonable	917 Ground Level
4700502292	Original Loc	Gordon	Well Record	3046	Reasonable	538	Reasonable	917 Ground Level
4700502292	Original Loc	Lower Huron	Well Record	3584	Reasonable	122	Reasonable	917 Ground Level
4700502292	Original Loc	Java Fm	Well Record	3705	Reasonable	320	Reasonable	917 Ground Level
4700502292	Original Loc	Angola Sh Mbr	Well Record	4026	Reasonable	248	Reasonable	917 Ground Level
4700502292	Original Loc	Rhinestreet Sh	Well Record					

4700502292P

03/07/2025

4700502292 Original Loc Marcellus Fm Well Record 4274 Reasonable 52 Reasonable 917 Ground Level
4700502292 Original Loc Onondaga Ls Well Record 4326 Reasonable 184 Reasonable 917 Ground Level

Wireline (E-Log) Information:		Well Record		Reasonable		Ground Level																		
API STATUS	LOG TOP LOG BOT DEEPEST_FML LOGS_AVAILABLE_SCAN GR_TOP GR BOT D TOP D BOT N TOP N BOT I TOP I BOT T TOP T BOT O TOP O BOT INCH2 INCH5 REDUCED KOP ELEV_KB ELEV_GL ELEV_DF LOG_MSRD_FF	LOG TOP	LOG BOT	DEEPEST_FML	LOGS_AVAILABLE_SCAN	GR_TOP	GR BOT	D TOP	D BOT	N TOP	N BOT	I TOP	I BOT	T TOP	T BOT	O TOP	O BOT	INCH2	INCH5	REDUCED KOP	ELEV_KB	ELEV_GL	ELEV_DF	LOG_MSRD_FF
4700502292	Regular Entry	115	4518	115	Y	115	4450	1250	4510	1250	4490	1250	4518	1250	4518	1250	4490	Y	Y					

Scanned/Raster Comment: *logs: caliper, tension, audio, pe

* There is no Digitized/LAS Log data for this well

Downloadable Log Images/Data: We advise you to save the scanned log or digitized log file(s) to your PC for viewing. To do so, right-click the file of interest and select the save option. Then you can direct the file to a location of your choice. Please note the scanned log images vary in size and some may take several minutes to download.

Scanned/Raster

LOGS FILENAME 4700502292_4518_115_4518

Quick Reference Guide for Log File Names: For more info about WVGES scanned logs click [here](#)

geologic log types:

- d density (includes bulk density, compensated density, density, density porosity, grain density, matrix density, etc.)
- e photoelectric adsorption (PE or Pe, etc.)
- g gamma ray
- i induction (includes dual induction, medium induction, deep induction, etc.)
- l laterolog
- m dipmeter
- n neutron (includes neutron porosity, sidewall neutron--SWN, etc.)
- o other¹
- s sonic or velocity
- t temperature (includes borehole temperature, BHT, differential temperature, etc.)
- z spontaneous potential or potential

mechanical log types:

- b cement bond
- c caliper
- o other¹
- p perforation depth control or perforate

¹ other logs may include, but are not limited to, such curves as audio, bit size, CCL--casing collar locator, continuous meter, directional survey, gas detector, guard, NCTL--Nuclear Cement Top Locator, radioactive tracer, tension

There is no Plugging data for this well

There is no Sample data for this well

WW-4A
Revised 6-07

1) Date: 1/17/2025
2) Operator's Well Number Robin Land 7

3) API Well No.: 47 - 005 - 02292

**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>ERP Environmental Fund, Inc. c/o Doss Engineering</u>	Name _____
Address <u>216 School Dr.</u>	Address _____
<u>Shrewsbury, WV 25015</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Appalachian Power Company c/o Robin Land Company</u>
_____	Address <u>PO Box 305</u>
_____	<u>Madison, WV 25130</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 1207</u>	Name _____
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>(304) 549-5915</u>	_____

TU

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>	RECEIVED
By:	<u>Chris Veazey</u>	Office of Oil and Gas
Its:	<u>Director of Administration</u>	<u>JAN 31 2025</u>
Address	<u>414 Summers Street</u>	
	<u>Charleston, WV 25301</u>	
Telephone	<u>304-590-7707</u>	WV Department of Environmental Protection

Subscribed and sworn before me this 17th day of January, 2025
Jeffrey Bush Notary Public
 My Commission Expires September 28, 2028

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.

03/07/2025

4700502292P

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

RECEIVED
Office of Oil and Gas
JAN 31 2025
WV Department of
Environmental Protection

USPS CERTIFIED MAIL™



9407 1362 0855 1276 1604 58

ERP ENVIRONMENTAL FUND INC
216 SCHOOL DR
SHREWSBURY WV 25015-1870

US POSTAGE AND FEES PAID
2025-01-17
25301
C-4000004
Retail
4.0 OZFLAT



0901000010763



03/07/2025

SURFACE OWNER WAIVER

4700502292P

Operator's Well
Number

Robin Land 7

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,

_____	Date	_____	Name	_____
Signature			By	_____
			Its	_____
				Date

Signature

Date

03/07/2025

4700502292P

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

RECEIVED
Office of Oil and Gas
JAN 31 2025
Environmental Protection

USPS CERTIFIED MAIL™

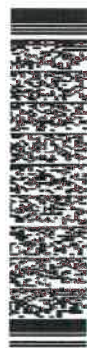


9407 1362 0855 1276 1605 57



APPALACHIAN POWER COMPANY
C/O ROBIN LAND COMPANY
PO BOX 305
MADISON WV 25130-0305

US POSTAGE AND FEES PAID
2025-01-17
25301
C4000004
Retail
4.0 OZ FLAT
0901000010765



WW-4B

API No. 4700502292P
 Farm Name Robin Land
 Well No. Robin Land 7

**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: _____

RECEIVED
Office of Oil and Gas

By: _____

Its _____

JAN 31 2025

WV Department of
Environmental Protection

03/07/2025



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 926-0450

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

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

IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4)
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)

ORDER NO. 2022-13

RECEIVED
Office of Oil and Gas

JAN 31 2025

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.

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

JAN 31 2025

the Department
Environmental Protection



DIVERSIFIED
energy

4700502292 P

Date: 1/17/2025

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 4700502292 Well Name Robin Land 7

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

Sincerely,

Diversified Energy Permitting Department

RECEIVED
Office of Oil and Gas

JAN 31 2025

WV Department of
Environmental Protection

WW-9
(5/16)

API Number 47 - 005 - 02292
Operator's Well No. Robin Land 7

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) Bush Creek Quadrangle Racine 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. *TU*

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

RECEIVED
Office of Oil and Gas

Additives to be used in drilling medium? N/A

JAN 31 2025

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

WV Department of
Environmental Protection

-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 Director of Administration



Subscribed and sworn before me this 17th day of January, 2025

Jeffrey Bush Notary Public

My commission expires September 28, 2028

Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac. Prevegetation pH N/A

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: [Signature]
Comments: _____

RECEIVED
Office of Oil and Gas

JAN 31 2025

WV Department of
Environmental Protection

Title: Inspect O&G Date: 1-27-25

Field Reviewed? Yes No



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

47-005-02292

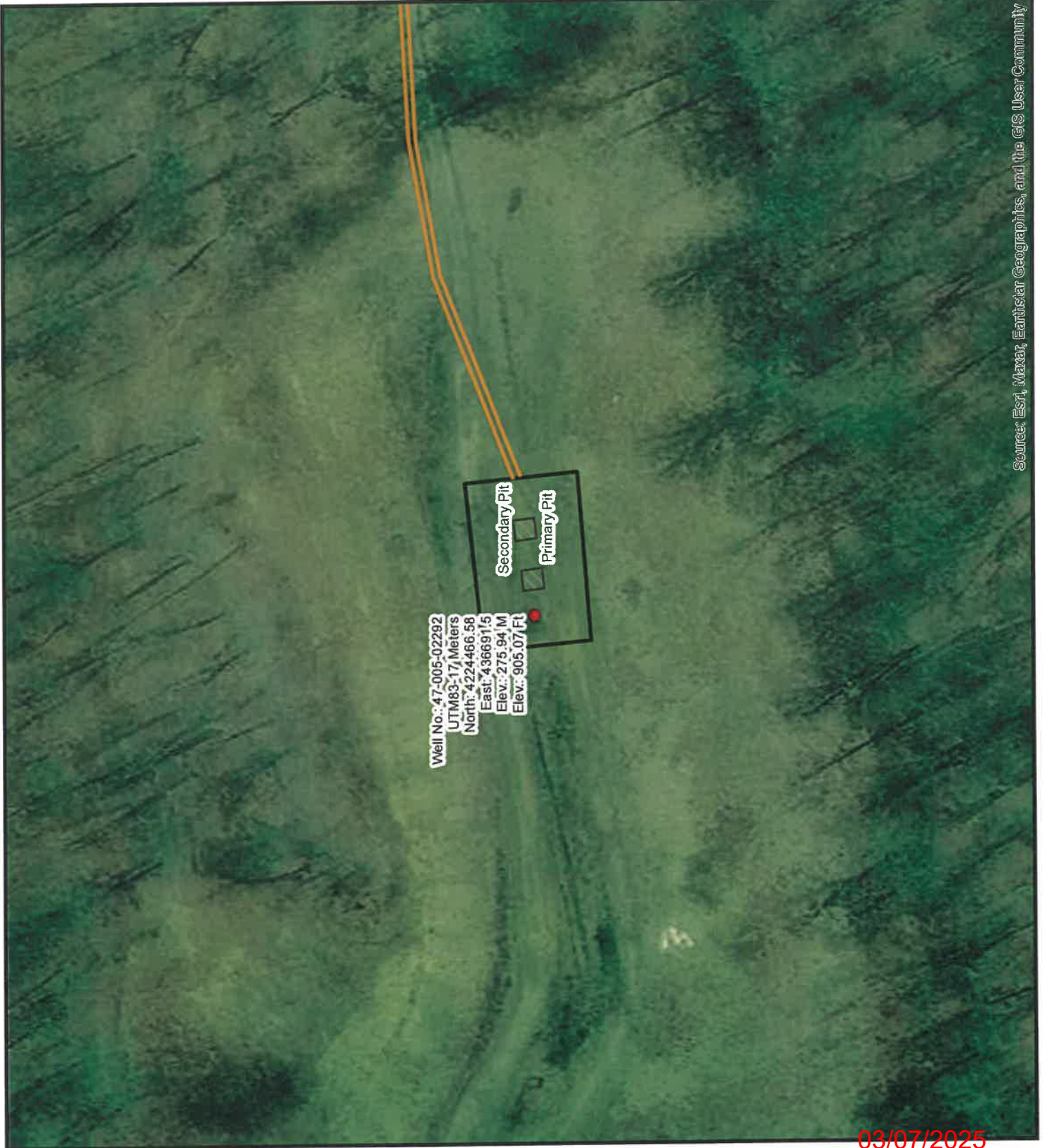
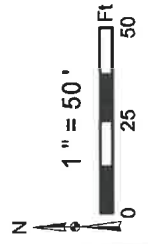
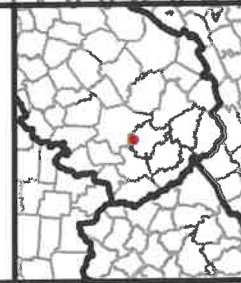
Well Plugging Map

Legend

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

RECEIVED
Office of Oil and Gas
JAN 31 2025

WV Department of
Environmental Protection



Well No.: 47-005-02292
 UTM83-17 Meters
 North: 4224466.58
 East: 436691.5
 Elev.: 275.94 M
 Elev.: 905.07 Ft

Secondary Pit
 Primary Pit

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



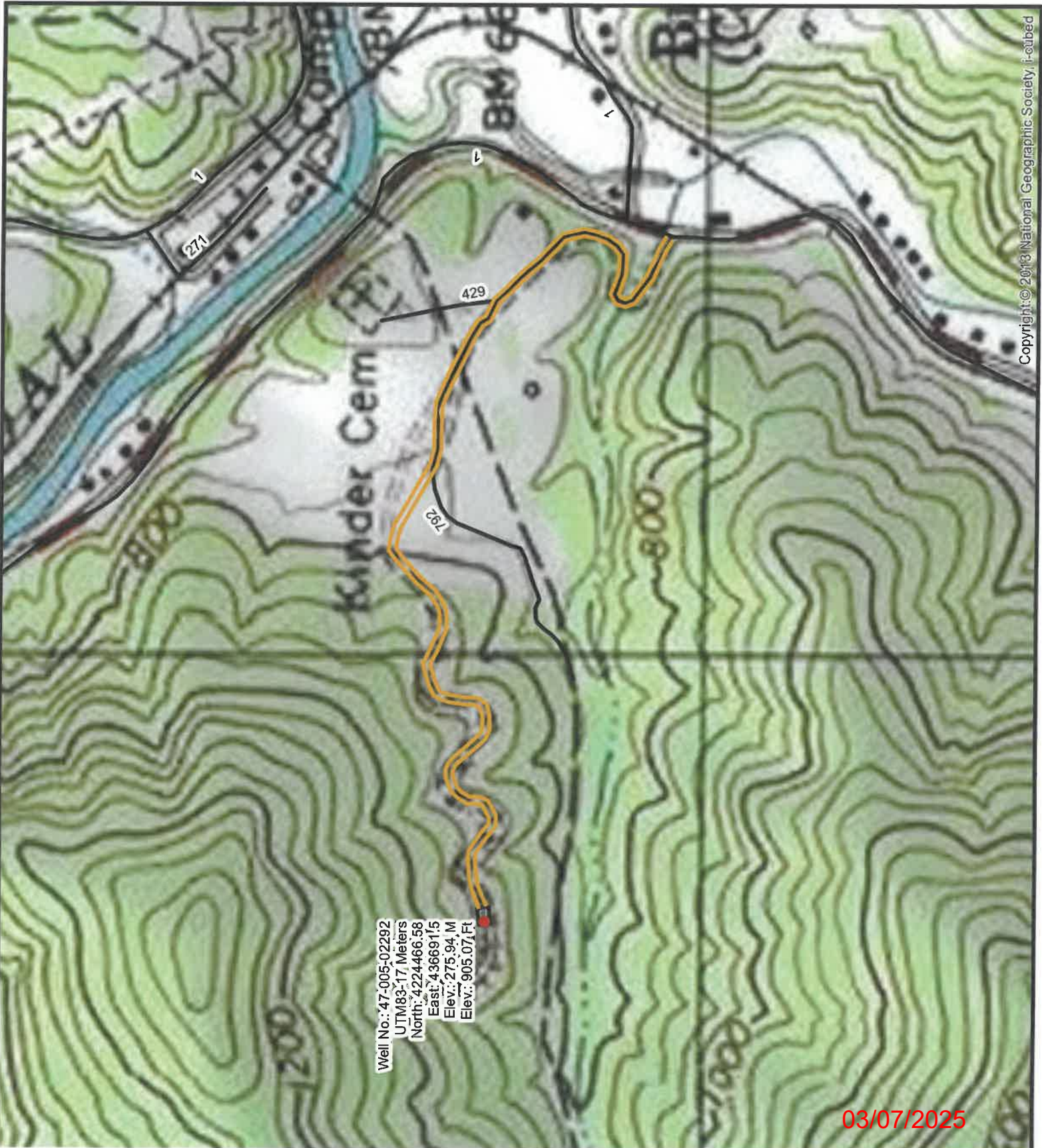
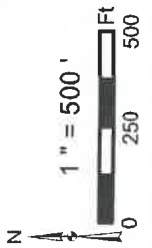
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-005-02292

Well Plugging Map

Legend

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



Well No.: 47-005-02292
UTM83-17, Meters
North: 4224466.58
East: 43669115
Elev.: 275.94 M
Elev.: 905.07 Ft

03/07/2025

WW-7
8-30-06



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

API: 4700502292 WELL NO.: Robin Land 7

FARM NAME: Robin Land

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Boone DISTRICT: Peytona

QUADRANGLE: Racine 7.5'

SURFACE OWNER: ERP Environmental Fund, Inc. c/o Doss Engineering

ROYALTY OWNER: Heirs & Assigns of Tasa Coal Co.

UTM GPS NORTHING: 4224466.58

UTM GPS EASTING: 436691.5 GPS ELEVATION: 905.07'

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 : Post Processed Differential

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

1/17/2025
Date

RECEIVED
Office of Oil and Gas

JAN 31 2025

WV Department of
Environmental Protection

03/07/2025