



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

Monday, November 29, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

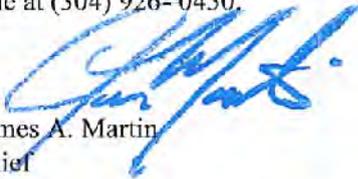
DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE
JACKSON CENTER, PA 16133

Re: Permit approval for 2
47-017-00759-00-00

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: 2
Farm Name: JOHNSON, ARCHIBALD
U.S. WELL NUMBER: 47-017-00759-00-00
Vertical Plugging
Date Issued: 11/29/2021

Promoting a healthy environment.

12/03/2021

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.

1) Date September 8, 2021
2) Operator's
Well No. 2
3) API Well No. 47-017 - 00759

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 1136 ft Watershed Wolfpen Run
District New Milton County Doddridge Quadrangle New Milton

6) Well Operator Diversified Production, LLC 7) Designated Agent Jeff Mast
Address P.O. Box 6070 Address P.O. Box 6070
Charleston, WV 25362 Charleston, WV 25362

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sam Ward Name Diversified Production, LLC (In-House Rig)
Address P.O. Box 2327 Address 1951 Pleasantview Ridge Road
Buckhannon, WV 26201 Ravenswood, WV 26164

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

See Attached

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

Work order approved by inspector SAM WARD Date 11/22/2021

g. m. by phone

12/03/2021

PLUGGING PROGNOSIS

API# 47-017-00759

West Virginia, Doddridge County

Nearest ER: Stonewall Jackson Memorial Hospital, 230 Hospital Plaza, Weston, WV 26452

Casing Schedule

16" csg @ 14'

10" csg @ 227'

8 1/4" csg @ 1321'

6 5/8" csg @ 2167'

TD @ 2235'

Fresh Water: None Recorded**Salt Water:** None Recorded**Gas Shows:** 2135', 2162', 2229', 2235'**Oil Show:** 2135'**Coal:** None Reported**Elevation:** 1127'OK
P. 1/2/21

1. Notify Inspector Sam Ward @ 304-389-7583, 48 hours prior to commencing operations.
2. Check and record pressures on csg.
3. Check TD w/ wireline.
4. TIH w/ tbg to 2235'. Kill well as needed with 6% bentonite gel. Pump 200' C1A cement plug from **2235'-2035' (Oil & Gas shows, and 6 5/8" csg st.)**. Tag cement and top off as needed
5. TOOH w/ tbg to 2035'. Pump 6% bentonite gel from 2035'-1371'. TOOH LD tbg.
6. Free point 6 5/8" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed
7. TIH w/ tbg to 1371'. Pump 100' C1A cement plug from **1371'-1271' (8 1/4" csg st.)**.
8. TOOH w/ tbg to 1271'. Pump 6% bentonite gel from 1271'-1127'.
9. TOOH w/ tbg to 1127'. Pump 100' C1A cement plug from **1127'-1027' (Elevation)**. TOOH LD tbg.
10. TOOH w/ tbg to 1027'. Pump 6% bentonite gel from 1027'-277'.
11. Free point 8 1/4" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.
12. TIH w/ tbg to 277'. Pump 100' C1A cement plug from **277'- 177'. (10" csg st.)**
13. TOOH w/ tbg to 177'. Pump 6% bentonite gel from 177'-100'.
14. Free point 10" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.
15. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from **100'-0' (Surface)**. TOOH LD tbg.
16. Erect monument with API#, date plugged, and company name.
17. Reclaim location and road to WV-DEP specifications.

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12/03/2021



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Quadrangle Wells

WELL RECORD

Oil or Gas Well GAS
(KIND)

Permit No. DOD#759

Company A. Johnson Oil & Gas Co.
Address C. Powell, Agent, West Union, W. Va.
Farm A. Johnson Heirs Acres 153

Location (waters) _____
Well No. 2 Elev. 1127'
District New Milton County Doddridge

The surface of tract is owned in fee by A. Johnson Heirs Address West Union, W. Va.

Mineral rights are owned by A. Johnson Heirs Address West Union, W. Va.
April 16, 1962

Drilling commenced _____
Drilling completed May 5, 1962
Date Shot NO From _____ To _____

With _____
Open Flow 78/10ths Water in 7" Inch
/10ths Merc. in _____ Inch

Volume 3,900,000 Cu. Ft.
Rock Pressure 720# lbs. 6 hrs.

Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED NO

WELL FRACTURED NO

RESULT AFTER TREATMENT NO

ROCK PRESSURE AFTER TREATMENT NO

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	<u>14"</u>	<u>14"</u>	Kind of Packer _____
13			
10	<u>227'</u>	<u>227'</u>	Size of _____
8 1/4	<u>1321'</u>	<u>1321'</u>	
6 3/4	<u>2167'</u>	<u>2167'</u>	Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

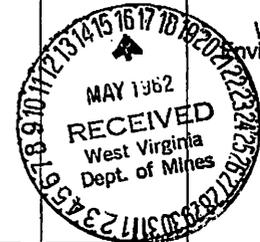
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	70			
Slate			70	85			
Red Rock			85	90			
Slate			90	110			
Red Rock			110	145			
Slate			145	305			
Red Rock			305	350			
Slate			350	365			
Red Rock			365	400			
Slate&Shells			400	430			
Red Rock			430	487			
Slate			487	520			
Red Rock			520	555			
Slate	<u>Black</u>		555	580			
Red Rock			580	608			
Slate			608	628			
Sand			628	658			
Slate&Shells			658	838			
Sand			838	880			
Slate			880	894			
Red Rock			894	935			
Slate			935	950			
Red Rock			950	980			
Sand			980	998			
Red Rock			998	1030			
Slate			1030	1050			
Red Rock			1050	1065			
Slate&Shells			1065	1155			

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(over)

4701700759P

Formation	Color	Hard or Soft	Top 5	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			1155	1190			
Sand		Hard	1190	1201			
Slate			1201	1212			
Sand			1212	1220			
Slate	White		1220	1284			
Lime			1284	1290			
Slate	Black		1290	1314			
Slate&Shells			1314	1414			
Sand			1414	1455			
Slate&Shells			1455	1545			
Sand			1545	1565			
Slate			1565	1603			
Sand			1603	1688			
Slate			1688	1835			
Sand			1835	1906			
Slate			1906	2054			
Sand			2054	2096			
Slate			2096	2103			
Lime (Little)			2103	2116			
Slate (Pencil Cave)			2116	2127			
Sand (Blue M.)			2127	2162	Show of oil & Gas	2135'	
Lime (Big)			2162	2224	Gas	2162'	
Sand (Injun)			2224	2229	Gas	2229'	to 2235'
Sand (Injun)			2229	2235			
Total Depth			2235				

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Date May 41, 1962, 19__

APPROVED A. Johnson Oil & Gas Co., Owner

By Clarence Powell, Agent
(Title)

12/03/2021

47017007598

WW-4A
Revised 6-07

1) Date: September 8, 2021
2) Operator's Well Number
2

3) API Well No.: 47 - 017 - 00759

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>Robert P. Richard and Michael D. Fluharty</u>	Name <u>None</u>
Address <u>522 Keys Fairy Road</u>	Address _____
<u>Charles Town, WV 26414</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Barbara Bowman</u>
_____	Address <u>1400 Eoff Street</u>
_____	<u>Wheeling, WV 26003</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name <u>No Declaration</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-369-7583</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Diversified Production, LLC
 By: [Signature] Jeff Mast
 Its: Director Production
 Address P.O. Box 6070
Charleston, WV 25362
 Telephone 304-543-6988

Subscribed and sworn before me this 8th day of September, 2021
Phyllis A. Copley Notary Public
 My Commission Expires September 18, 2023

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Office of Oil and Gas
SEP 9 2021

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.

12/03/2021

4701700759f

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Wheeling, WV 26003

OFFICIAL USE

Certified Mail Fee	\$3.75		0523
	\$	\$3.05	03
Extra Services & Fees (check box, add fees as 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	
Postage	\$1.56		
Total Postage and Fees	\$5.36		
	\$		09/08/2021
Postmark Here			
Step To: Barbara Bowman 47-017-00759			
Street and Apt. No., or PO Box No. 1400 Cott Street			
City, State, ZIP+4® Wheeling WV 26003			
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions			

7020 2450 0001 5225 2263

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Charles Town, WV 25414

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Certified Mail Fee	\$3.75		0523
	\$	\$3.05	03
Extra Services & Fees (check box, add fees as 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	
Postage	\$1.56		
Total Postage and Fees	\$5.36		
	\$		09/08/2021
Postmark Here			
Sent To: WEN-52 (DOD759) (surface)			
Street and Apt. No., or PO Box No. Robert Richard & Michael Fluharty			
City, State, ZIP+4® Charles Town, WV 25414			
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions			

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12/03/2021

WW-9
(5/16)

API Number 47 - 017 - 00759
Operator's Well No. 2

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Diversified Production, LLC OP Code 494524121

Watershed (HUC 10) Wolfpen Run Quadrangle New Milton

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Produced fluid and cement returns

Will a synthetic liner be used in the pit? Yes No If so, what ml? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number 4709300103)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

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

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

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

Additives to be used in drilling medium? N/A

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

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

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

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

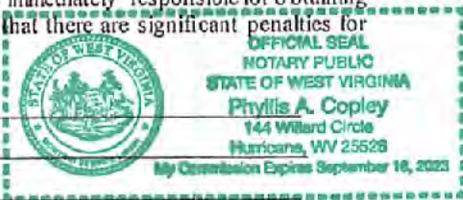
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature _____

Company Official (Typed Name) Jeff Mast

Company Official Title Director Production



Subscribed and sworn before me this 8th day of September, 2021

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Sam Woods gwh or BY PHONE

Comments:

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Title: Inspector

Date: 11/22/2021

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Field Reviewed? () Yes () No



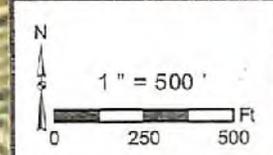
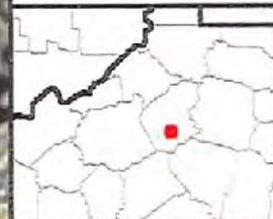
Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville KY, 41051

47-017-00759

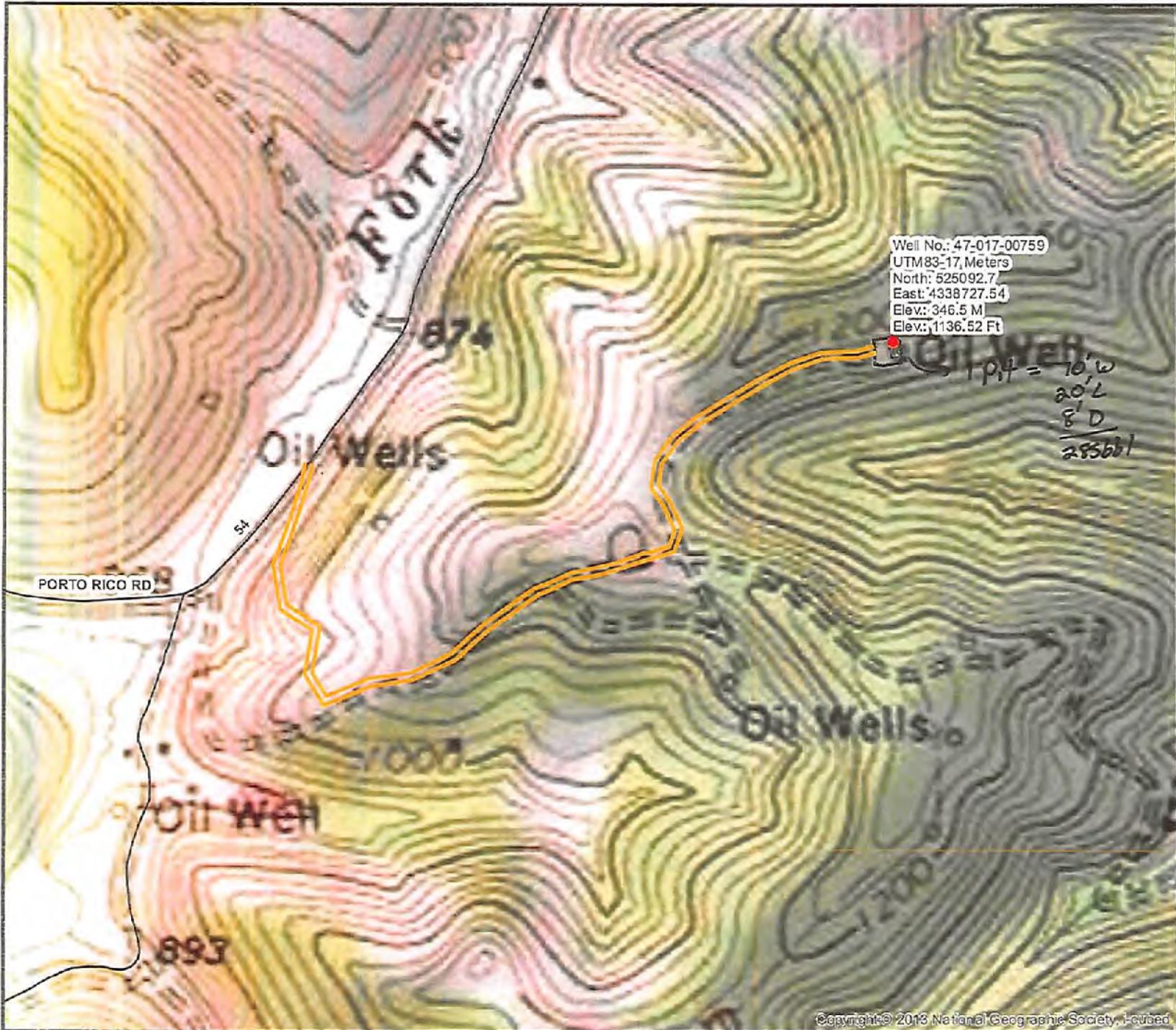
Plugging Map

Legend

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



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4701700759P

4701700759P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-017-00759 WELL NO.: 2

FARM NAME: Johnson, Archibald

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Doddridge DISTRICT: New Milton

QUADRANGLE: New Milton

SURFACE OWNER: Robert Richard & Michael Fluharty

ROYALTY OWNER: Diversified Production LLC

UTM GPS NORTHING: 4,338,727.5

UTM GPS EASTING: 525,092.7 GPS ELEVATION: 1136'

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

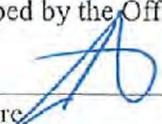
4. Letter size copy of the topography map showing the well location.

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.

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Signature

Director Production
Title

08/12/2021
Date

12/03/2021



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

Plugging Well Work Permit (API: 47-017-00759)

1 message

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

Mon, Nov 29, 2021 at 12:47 PM

To: "Mast, Jeff" <jmast@dgoc.com>, Douglas Newlon <douglas.c.newlon@wv.gov>, David Sponaugle <dsponaug@assessor.state.wv.us>

I have attached a copy of the newly issued well [permit](#) number "2" . This will serve as your copy.

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**

183K

 **47-017-00759 - Copy.pdf**

986K

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