



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, September 21, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE
JACKSON CENTER, PA 16133

Re: Permit approval for 3
47-017-00595-00-00

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: 3
Farm Name: ROBINSON, H. G.
U.S. WELL NUMBER: 47-017-00595-00-00
Vertical Plugging
Date Issued: 9/21/2021

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.

WW-4B
Rev. 2/01

1) Date August 19, 2021
 2) Operator's Well No. 3
 3) API Well No. 47-017 - 00595

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 1134 ft Watershed Little Toms Fork
 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

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

Work order approved by inspector SAD Ward Date 8/23/2021

09/24/2021

PLUGGING PROGNOSIS

API# 47-017-00595

West Virginia, Doddridge County

39.1912562085755, -80.717773136595

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

Casing Schedule

13" csg @ 16'

10" csg @ 142'

8 1/4" csg @ 1273'

6 5/8" csg @ 1640'

5 3/16" csg @ 2298' est TOC @ 1798'

2 3/8" tbg and rods @ 2275'

TD @ 2307'

Completion:

- Frac

Fresh Water: None Recorded

Salt Water: 1687'

Gas Shows: 2257'

Oil Show: 2075', 2257'-2263'

Coal: None Reported

Elevation: 1029'

1. Notify Inspector Sam Ward @ 304-389-7583, 48 hours prior to commencing operations.
2. Check and record pressures on tbg/csg.
3. TOOH LD rods and tbg. Inspect tbg.
4. Check TD w/ wireline.
5. TIH w/ tbg to 2263'. Kill well as needed with 6% bentonite gel. Pump 288' C1A cement plug from 2263'-1975' (Oil & Gas shows). Tag cement and top off as needed
6. TOOH w/ tbg to 1975'. Pump 6% bentonite gel from 1975'-1737'. TOOH LD tbg.
7. Free point 5 3/16" 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.
8. TIH w/ tbg to 1737'. Pump 100' C1A cement plug from 1737'-1590' (Salt water & 6 5/8" csg st).
9. TOOH w/ tbg to 1590'. Pump 6% bentonite gel from 1590'-1323'.
10. 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.
11. TIH w/ tbg to 1323'. Pump 100' C1A cement plug from 1323'-1223' (8 1/4" csg st).
12. TOOH w/ tbg to 1223'. Pump 6% bentonite gel from 1223'-1029'. TOOH LD tbg.
13. 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.
14. TIH w/ tbg to 1029'. Pump 100' C1A cement plug from 1029'-929' (Elevation).
15. TOOH w/ tbg to 929'. Pump 6% bentonite gel from 929'-192'.
16. TOOH w/ tbg to 192'. Pump 192' C1A cement plug from 192'-0' (10" csg st & Surface). TOOH LD tbg.
17. Erect monument with API#, date plugged, and company name.
18. Reclaim location and road to WV-DEP specifications.

SDW
8/23/2021

09/24/2021



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Vadis

Permit No. DOD-595

WELL RECORD

Oil or Gas Well Oil
(RWD)

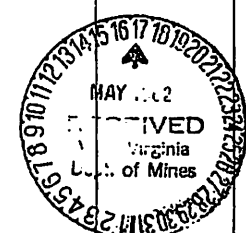
Company U. N. K. GAS CO.
Address C. Powell, Agt., West Union, W. Va.
Farm H. G. Robinson Acres 172
Location (waters) Toms Fork
Well No. 3 Elev. 1029'
District New Milton County Doddridge
The surface of tract is owned in fee by H. G. Robinson Address West Union, W. Va.
Mineral rights are owned by H. G. Robinson Address West Union, W. Va.
Drilling commenced 2/17/62
Drilling completed 3/22/62
Date Shot _____ From _____ To _____
With _____
Open Flow 12 /10ths Water in 1" Inch
_____ /10ths Merc. in _____ Inch
Volume 29,000 Cu. Ft.
Rock Pressure 460# lbs. 12 hrs.
Oil 1 BBL bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED Yes: Dowell : (24,000# Sand -800BBL Water)

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	16'	16'	
13	142'	142'	Size of
10	1273'	1273'	
8 1/4	1640'	1640'	Depth set
6 3/4	2298'	2298'	
5 3/16			Perf. top
3	2275'	2275'	Perf. bottom
2 Tubing			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED 5 1/2 size 500 No. Ft. 3-22-62 Date
Garaton Service 20 sks. cement, 4 aquagel
COAL WAS ENCOUNTERED AT no FEET _____ INCHES
no FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 20 BBLs per day
ROCK PRESSURE AFTER TREATMENT 510#
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	85			
Slate			85	105			
Red Rock			105	135			
Slate			135	175			
Red Rock			175	190			
Slate			190	302			
Red Rock			302	317			
Slate			317	327			
Red Rock			327	348			
Slate			348	370			
Red Rock			370	390			
Slate&Shells			390	425			
Red Rock			425	435			
Slate&Shells			435	465			
Red Rock			465	476			
Slate			476	505			
Red Rock			505	542			
Slate			542	575			
Red Rock			575	605			
Slate&Shells			605	630			
Sand			630	658			
Slate			658	735			
Red Rock			735	750			
Slate			750	777			
Lime			777	785			
Slate			785	842			
Sand			842	875			
Slate			875	900			



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8/23/2021

(over)

4701700595P

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			900	920			
Slate			920	942			
Red Rock			942	990			
Slate			990	1000			
Red Rock			1000	1027			
Slate			1027	1050			
Red Rock			1050	1065			
Slate&Shells			1065	1154			
Pink Rock			1154	1206			
Slate			1206	1214			
Red Rock			1214	1240			
Slate			1240	1295			
Slate	Black		1295	1318			
Slate	White		1318	1415			
Sand		Hard	1415	1455			
Slate&Shells			1455	1600			
Sand			1600	1687	Little water		Break
Slate			1687	1708			
Lime			1708	1835			
Sand			1835	1898			
Slate			1898	1998			
Sand			1998	2006			
Slate&Shells			2006	2073			
Sand			2073	2075	Show of oil		
Slate			2075	2080			
Sand			2080	2115			
Lime			2115	2130			
Sand			2130	2163			
Lime(Bi :)			2163	2219			
Sand			2219	2298	Show of gas	2257' oil	2257'-2263'
Slate			2298	2307	Total Depth		

See
8/23/2021

Date May 15, 1962, 19
 APPROVED U. N. K. GAS WELL #3, Owner
 By Clarence Powell, Agent
 (Title)

09/24/2021

WW-4A
Revised 6-07

1) Date: August 19, 2021
2) Operator's Well Number 3

3) API Well No.: 47 - 017 - 00595

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

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Bryan R. Robinson</u> Address <u>23221 Jenifer Court</u> <u>Leonardtown, MD 20650</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p> <p>6) Inspector <u>Sam Ward</u> Address <u>P.O. Box 2327</u> <u>Buckhannon, WV 26201</u> Telephone <u>304-389-7583</u></p>	<p>5) (a) Coal Operator</p> <p>Name <u>None</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Bryan R. Robinson</u> Address <u>23221 Jenifer Court</u> <u>Leonardtown, MD 20650</u></p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>No Declaration</u> Address _____</p>
--	--

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 reverse 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
Director Production
Address P.O. Box 6070
Charleston, WV 25362
Telephone 304-543-6988

Subscribed and sworn before me this 20th day of August, 2021
Phyllis A. Copley Notary Public
My Commission Expires September 16, 2023

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.

4701700595 P
Well #3
47-017-00595

7019 1640 0000 1003 3049

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Leonardtown, MD 20650	
Certified Mail Fee \$3.60	0523
Extra Services & Fees (check box, add fees as appropriate)	01
<input type="checkbox"/> Return Receipt (hardcopy) \$0.00	Postmark Here
<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 \$1.40	08/23/2021
Total Postage and Fees \$7.85	47-017-00595
Sent To Bryan R. Robinson well #3	
Street and Apt. No., or PO Box No. 23221 Jenifer Court	
City, State, ZIP+4® Leonardtown, MD 20650	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

09/24/2021

WW-9
(5/16)

API Number 47 - 017 - 00595
Operator's Well No. 3

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) Little Toms Fork 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 _____)

*SDW
8/23/2021*

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

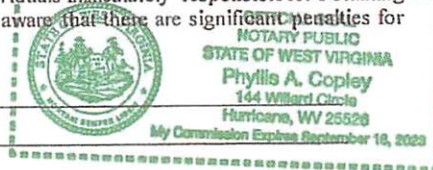
-Landfill or offsite name/permit number? N/A

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 *JA*
Company Official (Typed Name) Jeff Mast
Company Official Title Director Production



Subscribed and sworn before me this 20th day of August, 2021

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 6.5

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 _____



Comments: _____

Title: OG Inspected

Date: 8/23/2021

Field Reviewed?

Yes

No

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-017-00~~750~~ 595 WELL NO.: 3
 FARM NAME: Robinson, H.G.
 RESPONSIBLE PARTY NAME: Diversified Production LLC
 COUNTY: Doddridge DISTRICT: New Milton
 QUADRANGLE: New Milton
 SURFACE OWNER: Bryan R. Robinson
 ROYALTY OWNER: Diversified Production LLC
 UTM GPS NORTHING: 4,338,316.8
 UTM GPS EASTING: 524,921.1 GPS ELEVATION: 1134'

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.

 Director Production 08/12/2021
 Signature Title Date

09/24/2021



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

47-017-00595

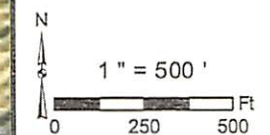
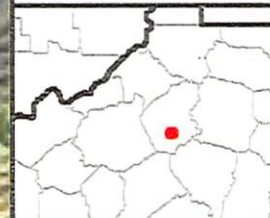
Plugging Map

Legend

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

Well No.: 47-017-00595
UTM83-17, Meters
North: 524921.12
East: 4338316.88
Elev.: 345.86 M
Elev.: 1134.44 Ft

1 Pit = 20' W
10' W
8' D
258661



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4701700595P

4701700595P

Well Number: 3
API: 47-017-00595

*Inspector
Signed sheets
Included*

PLUGGING PERMIT CHECKLIST

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 *Receipt after WW-4A*
- 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 24 2021

WV Department of
Environmental Protection

09/24/2021



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

Plugging Vertical Well Work Permit (API: 47-017-00595)

1 message

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

Wed, Sep 22, 2021 at 8:08 AM

To: "Mast, Jeff" <jmast@dgoc.com>, "Ward, Samuel D" <samuel.d.ward@wv.gov>, David Sponaugle <dsponaug@assessor.state.wv.us>

I have attached a copy of the newly issued well [permit](#) number "3", **API (47-017-00595)**. 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**
157K

 **47-017-00595 - Copy.pdf**
2381K

09/24/2021