



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, December 28, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
414 SUMMERS STREET
CHARLESTON, WV 25301

Re: Permit approval for 8-A
47-019-00658

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: PRICE/SUN 8-A
Farm Name: PRICE PROPERTIES - SUN
U.S. WELL NUMBER: 47-019-00658
Vertical Plugging
Date Issued: 12/28/2021

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 December 15, 2021
- 2) Operator's
Well No. 8-A
- 3) API Well No. 47-019 - 00558

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 2028.18 feet Watershed Bend Branch
District Plateau County Fayette Quadrangle Oak Hill
- 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 Diversified Production, LLC (in-house rig)
Address 66 Old Church Lane Address 1951 Pleasantview Ridge Road
Pipestem, WV 25979 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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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 12/17/21

12/31/2021

Plugging Prognosis

API #: 4701900658

West Virginia, Fayette Co.

Lat/Long: 37.92445273, -81.17554884

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

Casing Schedule:

12-3/4" @ 25'

9-5/8" @ 563' (cemented to surface w/ 207 sx cmt)

7" @ 1,344' (cemented to surface w/ 225 sx cmt)

4-1/2" @ 1,630' (cemented to 935' w/ 50 sx cmt)

TD @ 1,630'

Completion - Ravencliff: 1,558' – 1568'

Fresh Water: 485'

Salt Water: 1,600'

Gas Shows: 1,600'

Oil Shows: None listed

Coal: 520' - 527'(Void)

Elevation: 2,074'

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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 @ 1,568'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 274' C1A cement plug from **1,568' to 1,294' (Salt water, Gas show, 7" csg shoe and Ravencliff Completion)** Tag TOC. Top off as needed.
5. TOOH w/ tbg to 1,294'. Pump 6% bentonite gel from 1,294' to 935'.
6. 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 613' **Do not omit any plugs listed below. Perforate as needed.**
7. TOOH w/ tbg to 613'. Pump 193' C1A cement plug from **613' to 420'.** (9-5/8" csg shoe depth, coal shows and fresh water, Coal void @ 520'-527').
8. TOOH w/ tbg to 420'. Pump 6% bentonite gel from 420' to 100'.
9. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from **100' to surface.** (Surface plug)
10. Reclaim location and well road to WV DEP specifications and erect P&A well monument.



12/31/2021



State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: PRICE PROPERTIES - SUN Operator Well No.: PRICE/SUN 8-A

LOCATION: Elevation: 2074.50 Quadrangle: OAK HILL

District: PLATEAU County: FAYETTE
Latitude: 12300 Feet South of 37 Deg. 57 Min. 0 Sec.
Longitude 2600 Feet West of 81 Deg. 10 Min. 0 Sec.

Company: PEAKE OPERATING COMPANY
1401 CHARLESTON NAT'L PLAZA
CHARLESTON, WV 25301

Agent: THOMAS S. LIBERATORE

Inspector: RODNEY G. DILLON
Permit Issued: 04/12/91

Well work Commenced: 11/13/91
Well work Completed: 11/18/91

Verbal Plugging
Permission granted on:
Rotary X Cable 1685 Rig

Total Depth (feet) 1685
Fresh water depths (ft) 485'
open mine @ 520-527

Salt water depths (ft) 1600

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

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size 12 3/4"	25	25	
9 5/8"	563	563	Class A 207 sx
7"	1344	1344	Class A 225 sx
4 1/2"	1630	1630	50 sx Class A

OPEN FLOW DATA

Producing formation Ravencliff Sandstone Pay zone depth (ft) 1558-1568
Gas: Intial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 400 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 120 psig (surface pressure) after 48 Hours

Producing formation _____ Pay zone depth (ft) _____
Gas: Intial 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 STIMULATION, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INLCUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Thomas S. Liberatore
PEAKE OPERATING COMPANY
By: Thomas S. Liberatore, Operations Manager
Date: 1-13-92

FAY 06-58



FORM WR-35
(Reverse)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Dec. 9, 1991: Perforated the Ravencliff from 1558 to 1568 using 26 holes.
 Dec. 10, 1991: Foam-fractured the Ravencliff interval using 45,000 lbs. of sand
 296,000 SCF of nitrogen and 286 BBL of fluid. BDP = 830 psig.
 ATP = 850 psig. ISIP = 770 psig.

WELL LOG

FORMATION	TOP	BOTTOM	REMARKS
Shale and Sand	0	210	
Sand and Siltstone	210	356	
Shale	356	420	
Sand	420	547	
Shale	547	576	
Sand	576	670	
Shale	670	844	
Sand	844	900	
Shale	900	1508	
Ravencliff Sandstone	1508	1608	s/G; s. Wtr. @ 1600
Shale (Red Rock)	1608	1685	
TOTAL DEPTH	1685		

1205-2

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 DEC 22 2021
 WV Department of
 Environmental Protection

WW-4A
Revised 6-07

1) Date: December 15, 2021

2) Operator's Well Number A-8

3) API Well No.: 47 - 019 - 00658

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

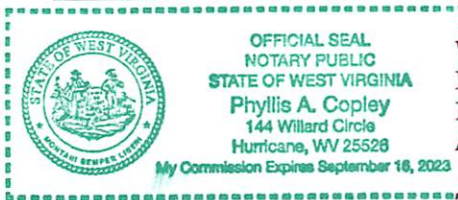
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>WE R Farmers, LLC</u>	Name <u>None</u>
Address <u>P.O. Box 397</u>	Address _____
<u>Glenville, WV 26351</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>WE R Farmers, LLC</u>
_____	Address <u>P.O. Box 397</u>
_____	<u>Glenville, WV 26351</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>66 Old Church Road</u>	Name <u>No Declaration</u>
<u>Pipestem, WV 25979</u>	Address _____
Telephone <u>304-382-8402</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
Title: Director Production
Address 414 Summers Street
Charleston, WV 25301
Telephone 304-543-6988

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DEC 16 2021

Subscribed and sworn before me this 15th day of December 2021
Phyllis A. Copley Notary Public
My Commission Expires September 16, 2023

WV Department of
Environmental Protection

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.

4701900658P

A-8
47-019-00658P

7020 2450 0001 5225 2201

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Glenville, WV 26351

OFFICIAL USE

Certified Mail Fee	\$3.75	
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	\$3.31	
Total	\$8.36	

Sent To: WE R Farmers, LLC
P.O. Box 397
Glenville, WV 26351

Postmark Here: 12/15/2021

PS Form 3800, October 2019

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12/31/2021

4701900658P

WW-9
(5/16)

API Number 47 - 019 - 00658
Operator's Well No. A-8

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) Bend Branch Quadrangle Oak Hill

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.? 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 47471511)
- 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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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.

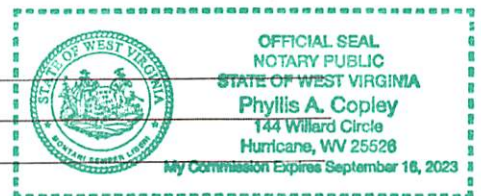
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 [Signature]

Company Official (Typed Name) Jeff Mast

Company Official Title Director Production



Subscribed and sworn before me this 15th day of December, 2021

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

12/31/2021

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

Lime 3 Tons/acre or to correct to pH 605

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Fertilizer type _____ 10-20-20 or equivalent

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Fertilizer amount _____ lbs/acre

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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: Inspector Date: 12/17/21

Field Reviewed? () Yes () No



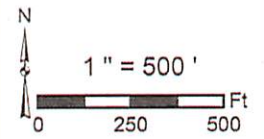
Diversified Gas & Oil Corporation
 100 Diversified Way
 Pikeville KY, 41051

47-019-00658

Plugging Map

Legend

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



4701900658P

WW-7
8-30-06



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

API: 47-019-00658 WELL NO.: Price/Sun 8-A

FARM NAME: Price Properties - Sun

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Fayette DISTRICT: Plateau

QUADRANGLE: Oak Hill

SURFACE OWNER: WE R Farmers LLC

ROYALTY OWNER: Mike Ross Inc.

UTM GPS NORTHING: 4197445.65

UTM GPS EASTING: 484571.78 GPS ELEVATION: 2028.18

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS ____: Post Processed Differential ____
Real-Time Differential ____
Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential ____

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

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature [Signature] Title Director Production Date 12/14/21

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Environmental Protection



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

Plugging Vertical Well Work Permit Diversified API: (47-019-00658 & 47-019-01000)

1 message

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

Tue, Dec 28, 2021 at 1:21 PM

To: "Mast, Jeff" <jmast@dgoc.com>, Eddie Young <eyoung1@assessor.state.wv.us>, "Kennedy, Gary L" <gary.l.kennedy@wv.gov>




I have attached a copy of the newly issued well [permit](#) numbers:

47-019-00658 - 8-A**47-019-01000 - 47**

These will serve as your copy.

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**

4 attachments **47-019-00658 - Copy.pdf**
2874K **47-019-01000 - Copy.pdf**
2958K **IR-8 Blank.pdf**
200K **IR-8 Blank.pdf**
200K**12/31/2021**