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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, August 30, 2022  
WELL WORK PLUGGING PERMIT  
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for HENDERSON 1A  
47-081-01408-00-00

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: HENDERSON 1A  
Farm Name: TROY & NORMA HENDERSON  
U.S. WELL NUMBER: 47-081-01408-00-00  
Coal Bed Methane Well Plugging  
Date Issued: 8/30/2022

## PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

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### CONDITIONS

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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.

4708101408A

WW-4B  
Rev. 2/01

1) Date April 19, 2022  
2) Operator's Well No. Henderson A1  
3) API Well No. 47-081 - 01408

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A CBM WELL.

4) Well Type: Oil \_\_\_ / Gas X / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 1963.69 ft Watershed Clear Fork  
District Trap Hill County Raleigh Quadrangle Arnett

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

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

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

See Attached

THIS IS THE ACCESS WELL TO DRILL A  
LATERAL PINNATE CBM WELL BORE SYSTEM.

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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 *Gary Kennedy* Date 4/26/22

09/02/2022

**Plugging Prognosis**

API #: 4708101408

**Casing Schedule:**

13 3/8" csg @ 47' CTS

9 5/8" csg @ 532' CTS

7" csg @ 586' CTS

TD listed as 668'

Estimated kickoff @ 615'

- B Hole ✓
  - 32,500' x 4.75" Hole ID = 4,000 Cu ft = 890 BBL w/ 125% excess ✓

Completion – Pilot Well for CBM production. Unknown if well has bridge plug in it.

Fresh Water: None listed

Salt Water: None listed

Gas Shows: None listed

Oil Shows: None listed

Coal: 527' *Coal 358' TO 360'*Elevation: ~~1980'~~ *1963.7**PLUGS SHALL BE OF EXPANDING CEMENT.**jam*

1. Notify Inspector Gary Kennedy @ 304-382-8402, 48 hrs prior to commencing operations.
2. Record pressure on csg.
3. Tag TD and record TD.
4. Kill well as needed with 6% bentonite gel.
5. Bridge lateral with bentonite pellets. Top not to exceed 636'
6. TIH w/ tbg to 636'. Pump 149' C1A cement plug from **636' to 487' (7" & 9 5/8" shoe plug)**. Tag TOC *ADD EXPANDING CEMENT PLUG TO 160'*
7. TOOH w/ tbg *to 160'* Pump 6% bentonite gel spacer from *160'* to 100'.
8. Confirm 7" csg is cemented to surface. If not TOOH w/ tbg. Free point csg and set plug 50' in/out of cut for total of 100'.
9. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from 100' **to surface**
10. Reclaim site and set monument per WV DEP regulations.
11. Note: The uncased 4 3/4" wellbore from curve to lateral will be filled w/ gel/cement from the production well (47-109-01421) when plugging it.

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4708101408

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WR-35  
Office of Oil & Gas

DATE: 08/28/2008  
API#: 4708101408C

AUG 29 2008

WV Department of  
Environmental Protection

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

*AS* ✓

Farm Name Troy & Norma Henderson

Operator Well No.: HENDERSON-1A

LOCATION Elevation: ~~1980-81~~ 1963.7

Quadrangle: Arnett 7 1/2'

District: Trap Hill County: Raleigh  
Latitude: 14000 Feet South of 37 Deg. 50 Min. 00 Sec.  
Longitude: 3750 Feet West of 81 Deg. 22 Min. 30 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 2550 East Stone Drive, Suite 110	13 3/8"	47'	47'	17.7 Cu Ft
Kingsport, TN 37660	9 5/8"	532'	532'	277.3 Cu Ft.
Agent: Bryant Bowman	7"	586'	586'	153.4 Cu Ft.
Inspector: Terry Urban				
Date Permit Issued: 06/13/2006				
Date Well Work Commenced: <u>12/09/2006</u>				
Date Well Work Completed: <u>01/02/2007</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 668				
Fresh Water Depth (ft):				
None Reported				
Salt Water Depth (ft):				
None Reported				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft):				
527				

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OPEN FLOW DATA

Producing formation No Production from this well 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

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: Martha E. Hudson  
By: EUGEN HUDSON  
Date: 8/28/08

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09/02/2022

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

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Surface	0	0006	
Shale	0006	0030	
Sand	0030	0050	
Shale	0050	0154	
Sand	0154	0168	
Sandy Shale	0168	0200	
Sand	0200	0202	
Shale	0202	0204	
Sand	0204	0208	
Shale	0208	0212	
Sand	0212	0243	
Sandy Shale	0243	0260	
Sand	0260	0290	
Sandy Shale	0290	0298	
Sand	0298	0342	
Sandy Shale	0342	0357	
Sand	0357	0365	→ core 358' - 360'
Sandy Shale	0365	0370	
Sand	0370	0464	
Sandy Shale	0464	0466	
Sand	0466	0482	
Shale	0482	0520	
Sand	0520	0523	
Shale	0523	0527	
Coal	0527	0522	
Shale	0533	0580	
Sand	0580	0668	TO Vertical Hole; Begin curve for Horizontal Lat

*Handwritten signature*

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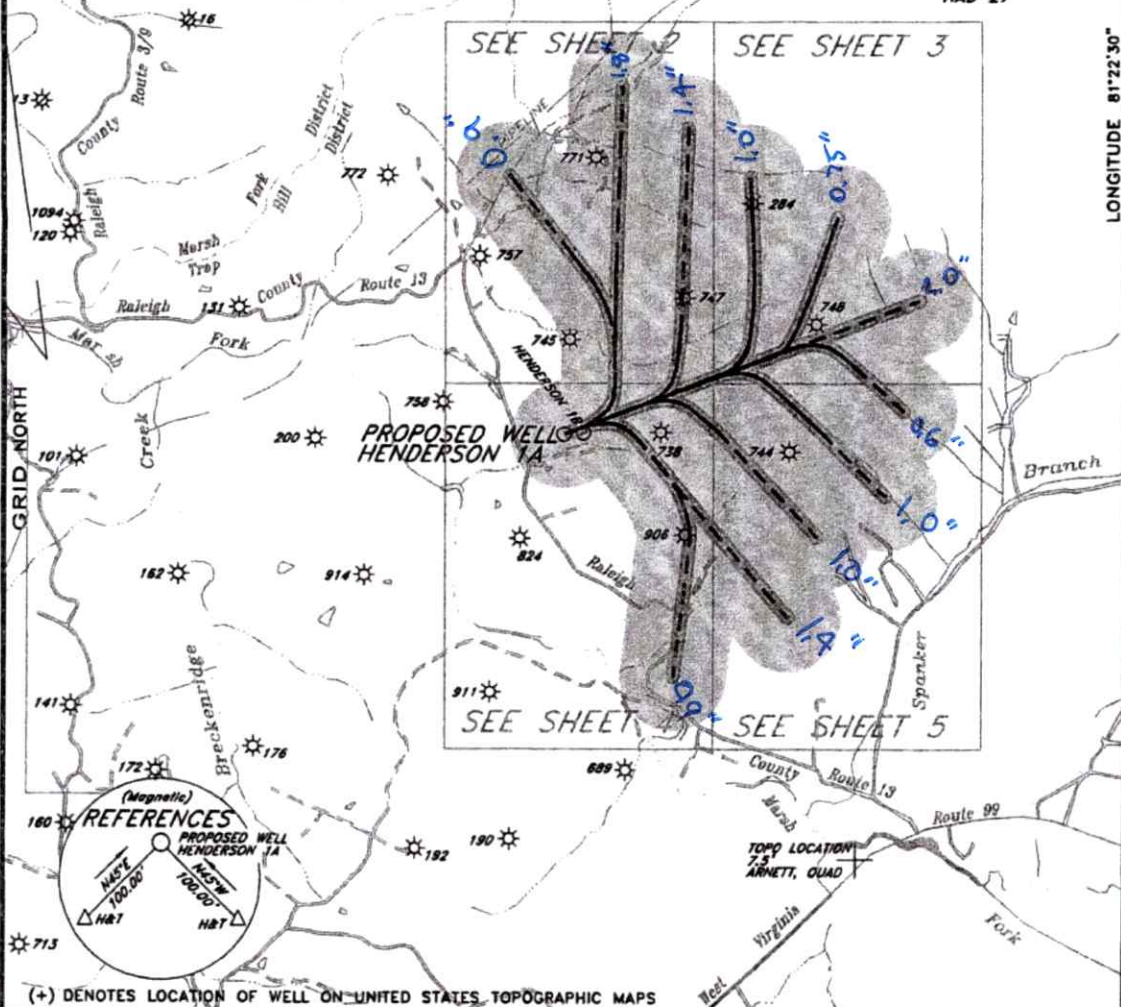
WV Department of  
Environmental Protection

**PENN VIRGINIA OIL & GAS**  
**HENDERSON 1A**  
 SHEET 1 OF 9  
 SCALE: 1" = 2000'

**BEARING CHART**

Well Number	From	To	Bearing	Distance
758	HENDERSON 1A	HENDERSON 1B	S74°47'33"E	1752.62'
HENDERSON 1A	HENDERSON 1B	HENDERSON 1B	N85°41'55"E	370.65'
HENDERSON 1B	HENDERSON 1B	HENDERSON 1B	N89°38'29"E	1079.09'

LATITUDE 37°50'00"  
**PROPOSED WELL COORDINATES**  
 N: 289580.47  
 E: 1887839.80  
 WV SOUTH ZONE  
 NAD 27



LONGITUDE 81°22'30"  
 14000'  
 12.75"  
 X  
 2666.6 FT/IN  
 = 34,000 FT

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000' 1" = 2666'  
 MINIMUM DEGREE OF ACCURACY 1:40000  
 PROVEN SOURCE OF ELEVATION GPS DISK NO. D1  
 2063.66'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.  
 (SIGNED) Suzanna Robinson  
 R.P.E. \_\_\_\_\_ L.L.S. 736



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OIL AND GAS DIVISION

DATE APRIL 10, 2006  
 OPERATOR'S WELL NO. HENDERSON 1A  
 API WELL NO. 47-081-01408C  
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1980.81' WATERSHED CLEAR FORK  
 DISTRICT TRAP HILL COUNTY RALEIGH  
 QUADRANGLE ARNETT, WV

SURFACE OWNER TROY HENDERSON ACREAGE 28.84  
 OIL & GAS ROYALTY OWNER TROY HENDERSON ET AL LEASE ACREAGE 152.43  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT JIM BURNS  
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460  
 KINGSFORT, TN 37660 RAVENCLIFF, WV 25913

FORM WV-6

COUNTY NAME  
 PERMIT

**Henderson 1A**  
47-081-01408  
Access Well

17 S 465842 4183112

Henderson 1A

Henderson 182

4708101408

**Legend** Image 11/2013  
17 s 465842 4183112

09/02/2022

Google Earth

90 ft





WW-4A  
Revised 6-07

1) Date: April 19, 2022  
2) Operator's Well Number  
Henderson 1A

3) API Well No.: 47 - 081 - 01408

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>Clint Henderson</u>	Name <u>None</u>
Address <u>P.O. Box 136</u>	Address _____
<u>Fairmont, WV 25839</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Clint Henderson</u>
_____	Address <u>P.O. Box 136</u>
(c) Name _____	<u>Fairmont, WV 25839</u>
Address _____	Name _____
_____	Address _____
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>66 Old Church Lane</u>	Name <u>Rhino Energy LLC</u>
<u>Pipestem, WV 25979</u>	Address <u>836 Euclid Avenue, Suite 302</u>
Telephone <u>304-382-8402</u>	<u>Lexington, KY 40502</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 Technical Services  
 Address 414 Summers Street  
Charleston, WV 25301  
 Telephone 304-543-6988

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 Office of Oil and Gas  
 APR 25 2022

WV Department of Environmental Protection

Subscribed and sworn before me this 21st day of April 2022  
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](mailto:depprivacyofficer@wv.gov).

4708101408P

47-081-01408  
Henderson 4A

7020 2450 0001 5225 1617

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Lexington, KY 40502

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Certified Mail Fee	\$3.75	0523
		11
Extra Services & Fees (check box, add fees as appropriate)	\$3.05	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$1.96	
Total	\$8.76	04/21/2022

Postmark Here

**Henderson 1A, Henderson 1BR**  
Rhino Energy LLC  
836 Euclid Avenue, Suite 302  
Lexington, KY 40502

PS Form 3800, November 2019

7020 2450 0001 5225 1624

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Fairmont, WV 26033

**OFFICIAL USE**

Certified Mail Fee	\$3.75	0523
		11
Extra Services & Fees (check box, add fees as appropriate)	\$3.05	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$1.96	
Total Price	\$8.76	04/21/2022

Postmark Here

**Henderson 1A, Henderson 1BR**  
Clint Henderson  
P.O. Box 136  
Fairmont, WV 25839

PS Form 3800, November 2019

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Office of Oil and Gas  
APR 25 2022  
WV Department of  
Environmental Protection

09/02/2022

4708101408P

WW-9  
(5/16)

API Number 47 - 081 - 01408  
Operator's Well No. Henderson A1

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) Clear Fork Quadrangle Arnett

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

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.

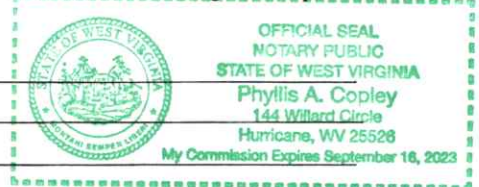
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations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



Subscribed and sworn before me this 25th day of April, 2022

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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09/02/2022

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

Lime 3 Tons/acre or to correct to pH 6.05

Fertilizer type \_\_\_\_\_ 10-20-20 or equivalent

Fertilizer amount \_\_\_\_\_ lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

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

Seed Type	lbs/acre
Red Fescue	15
Alsike Clover	5

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: *Greg Kennedy*

Comments: \_\_\_\_\_

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Title: *Inspector* Date: *4/26/22*

Field Reviewed? ( ) Yes ( ) No



**DIVERSIFIED ENERGY**  
100 Diversified Way  
Pikeville KY, 41051

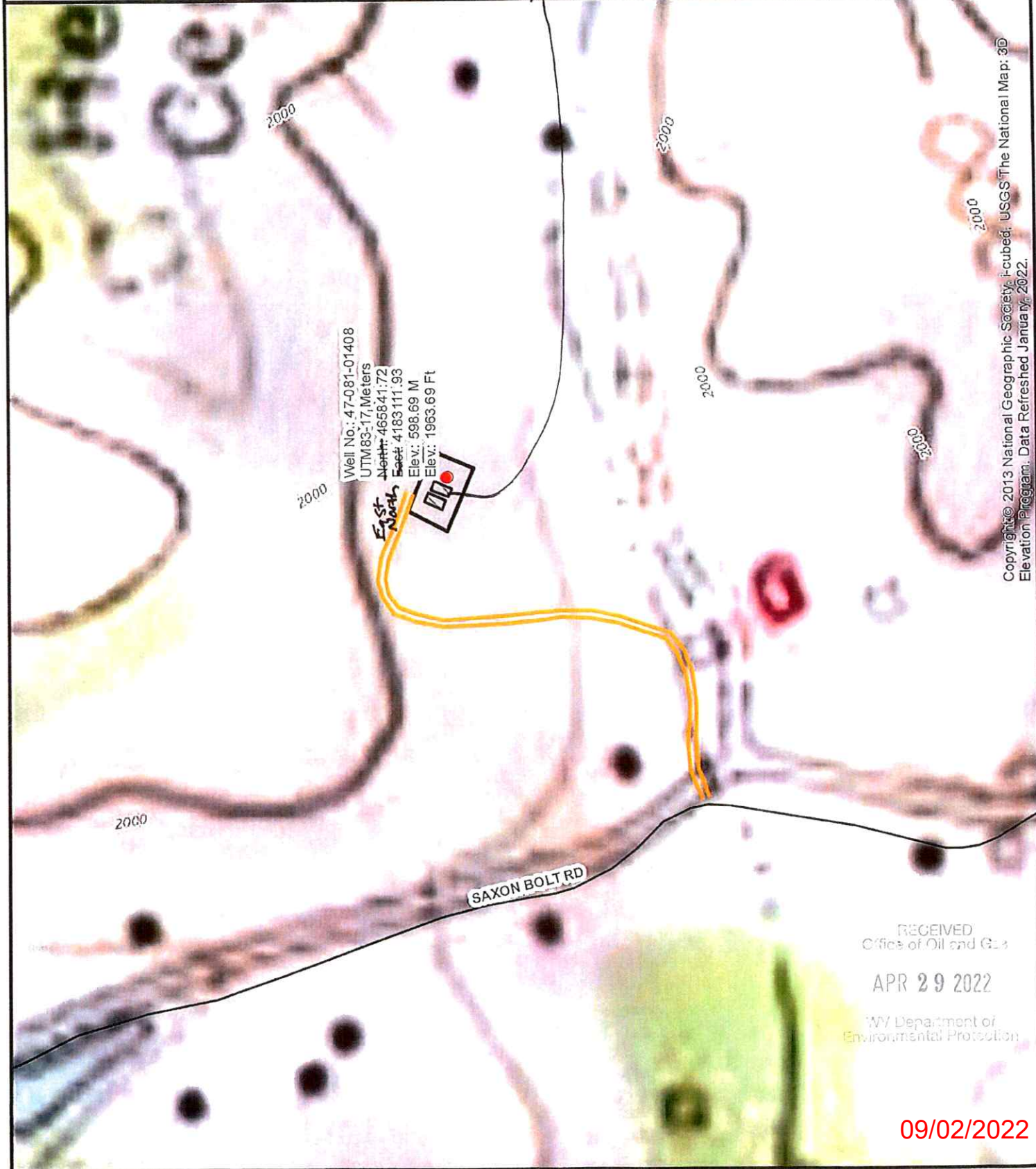
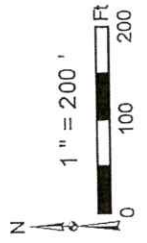
47-081-01408

Plugging Map

**Legend**

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

*1 Pit*  
*10' W*  
*20' L*  
*8' D*  
*285 bbl*



Well No.: 47-081-01408  
 UTM83-17, Meters  
 North: 465841.72  
 East: 4183111.93  
 Elev.: 598.69 M  
 Elev.: 1963.69 Ft

*East North*

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4708101408P

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 4708101408 WELL NO.: 1A

FARM NAME: Troy Henderson

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Raleigh DISTRICT: Trap Hill

QUADRANGLE: Arnett, WV

SURFACE OWNER: Clint Henderson

ROYALTY OWNER: DP Bluegrass

UTM GPS NORTHING: 4183111.93

UTM GPS EASTING: 465841.72 GPS ELEVATION: 1963.69'

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

Digitally signed by Austin Sutler  
Date: 2022.04.12 17:03:21  
-04'00'

Sr. Proj. Manager  
Title

4/12/2022  
Date

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APR 25 2022

WV Department of  
Environmental Protection

09/02/2022



Kennedy, James P <james.p.kennedy@wv.gov>

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## Plugging permits issued 4708101421, 08101408

1 message

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**Kennedy, James P** <james.p.kennedy@wv.gov>

Tue, Aug 30, 2022 at 11:26 AM

To: Gary L Kennedy <gary.l.kennedy@wv.gov>, raleigh@wvassessor.com, Phyllis Copley <pcopley@dgoc.com>, Austin Sutler <asutler@dgoc.com>


To whom it may concern, plugging permits have been issued for 4708101421, and 08101408.


James Kennedy

WVDEP OOG

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### 3 attachments

 **4708101408.pdf**  
2840K

 **4708101421.pdf**  
2882K

 **IR-8 Blank.pdf**  
237K

09/02/2022