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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)

Thursday, December 8, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 10495  
47-097-00772-00-00

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:  
Farm Name: SWECKER, H.  
U.S. WELL NUMBER: 47-097-00772-00-00  
Vertical Plugging  
Date Issued:

Promoting a healthy environment.

12/09/2022

# PERMIT CONDITIONS 47 0 97 0 07 72

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

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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.

4709700772

- 1) Date September 28, 2022
- 2) Operator's  
Well No. Well 10495
- 3) API Well No. 47-097 - 00772

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 \_\_\_/ ShallowX

5) Location: Elevation 1528.87 feet Watershed Pecks Run of Buckhannon River  
District Warren County Upshur Quadrangle Philippi SW

6) Well Operator Diversified Production LLC 7) Designated Agent Austin Sutler  
Address 414 Summers Street Address P.O. Box 381087  
Charleston, WV 25301 Birmingham, AL 35238

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Sam Ward Name Next LVL Energy  
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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Office of Oil and Gas  
OCT 13 2022  
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 [Signature] Date 10/3/2022

12/09/2022

HOPE NATURAL GAS COMPANY

47-097-772

Well No. 10495  
 Name Herbert N. Swecker  
 Operating District Weston  
 Location Made March 15, 1963 (Chgd. Mar. 22)  
 First Work Done April 4, 1963  
 Drilling Commenced May 7, 1963  
 Drilling Completed August 1, 1963  
 Well Completed

N. 27 E. 22 W. MS. Elevation 1532  
 Located on Lease No. 68895 Acres 42  
 District Warren County Upshur W. Va.

Drilling Contractor Guy L. Warner

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurement	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Clay		0	12					
Sand		12	70					
Red Rock		70	98					
S & S		98	137					
MEDSTONE COAL		137	144					
Slate		144	170		170			Mined out
PITTSBURGH COAL		170	178					
Slate & Shells		178	235					
Red Rock		235	263					Hole Reduced @ 211' - 16" to 13"
Lime		263	282					
Red Rock		282	315					
Slate		315	355					
Red Rock		355	400					
Lime		400	417					
Red Rock		417	438					
Lime		438	482					
Red Rock		482	500					
Slate		500	547					
Red Rock		547	560					
Lime		560	581					
Sand		581	632					
Slate		632	670					
Red Rock		670	685					
Slate		685	695					
Sand		695	713					
Slate & Shells		713	749					
Sand		749	854					
Slate		854	890					
Sand		890	918					
Slate		918	965					
Sand		965	1032					
Slate & Shells		1032	1062					
Sand		1062	1077					
Slate		1077	1130					
Sand		1130	1172					
Slate		1172	1180					
Sand		1180	1188					
Lime		1188	1230					
Sand		1230	1265					
Slate & Shells		1265	1357					
Gritty Lime		1357	1388					
Slate & Shells		1388	1446					
Sand		1446	1468					
Slate & Shells		1468	1494					
Red Rock		1494	1614					
Gritty Lime		1614	1672					
MAXTON SAND		1672	1705					
Red Rock		1705	1760					
Slate		1760	1773					
LITTLE LIME		1773	1788					
Slate		1788	1806					
Red Rock		1806	1817					
Gritty Lime		1817	1823					
BIG LIME		1823	2013					
Sand		2013	2030					
Gritty Lime		2030	2072					
GANTZ SAND (TOP)		2072	2225					
50 FOOT (BOTTOM)			2225					
Sand		2225	2235		2110			
Broken Sand		2235	2259	2137-44	2137-44	2137-44		5 Bailers per hour Hole Full. Show of gas. No Test. Small show oil
Slate		2259	2261					
Red Rock		2261	2265					
Gritty Lime		2265	2283					
Red Rock		2283	2290					
Gritty Lime		2290	2325					
Red Rock		2325	2327					
Gritty Lime		2327	2345					
R. Rock & Shells		2345	2523					
Gritty Lime		2523	2530					
ATH SAND		2530	2560					

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10495  
 SDW  
 12/09/2022

41-097-00772

Red Rock & Lime	2560	2573
Slate & Shells	2573	2600
5TH SAND	2600	2670
Slate & Shells	2670	3082
Gritty Lime	3082	3148
Slate & Shells	3148	3334
Lime	3334	3371
Slate & Shells	3371	3528
Gritty Lime	3528	4193
RILEY SAND	4193	4260
Gritty Lime	4260	4433
Slate & Shells	4433	4564
BENSON SAND	4564	4607
Gritty Lime	4607	4673
TOTAL DEPTH		4673

4237-47 11 1/2" W 2" O.F. 452M  
7-4-63  
48/10 H<sub>2</sub>O 2" O.F. 292M  
No gas from Benson

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TAKEN FROM GAMMA RAY LOG 10195

LITTLE LIME	1770	1804
BIG LIME	1818	2027
GANTZ SAND	2072	2159
30' SAND	2173	2202
4TH SAND	2494	2555
5TH SAND	2598	2676
RILEY SAND	4201	4256
BENSON SAND	4535	4577

4235-40  
4246-50  
452M)292M  
Plugged back 4323  
Perf. 4237, 4238, 4239,  
4248

TOTAL DEPTH - 4673 Plugged back 4323 CASING AND TUBING RECORD

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Steel Line Measurement		Left at Well Not in Use		If more than two strings of casing are left in hole, give reasons for leaving additional strings.
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13 3/8"	108	-	90	-	None	-	90	-	(Liner set @ 211')		89	-	18	-	WEIGHT 100#
10 3/4"	439	-	439	-	None	-	439	-			437	-	None	-	32.75#
8 3/8"	1994	8	1843	-	None	-	1843	-			1832	-	151	8	24.00#
7"	2397	-	2297	-	None	-	2297	-			2286	-	100	-	20.00#
5 1/2"	4356	2	4356	2	None	-	4356	2			4323	-	None	-	17.00#

SHOE AND PACKER RECORD

SIZE	SHOE OR PACKER TYPE	SET AT (S.L.)	REMARKS	Top	Bottom
13 3/8"	Welded on	10 3/4" Csg.			
10 3/4"	SHOE	437	15 Bags Cement Used	121	211
8 5/8"	SHOE	1832	NO Cement or Aquagel Used		
7"	PACKER	2286	No Cement or Aquagel Used		
5 1/2"	SHOE	4323	10 Bags Aquagel, 30 Bags Cement Used	Surface	3773
				3773	4323

RECORD OF TREATING FORMATIONS

DATE	SAND	DEPTH		TEST BEFORE			TEST AFTER			
		From	To	Read.	Liq.	Opn.	Read.	Liq.	Opn. Hrs.	
(SHOT)	NOT SHOT			QUARTS	SHOOTING AGENT	OPEN OR TAMPED				SHOT BY
(ACIDIZED)	NOT ACIDIZED			GALLONS	ACID USED					ACIDIZED BY
(HYDRAFRAC)				BBLs.	LBS.	AGENT	MAX. PRESS.			HYDRAFRAC BY
7-20-63 Riley 4237	4248			Breakdown	40 x	Water	2700			
				Treating	1499 x	Water	2800			
					x 162,000	Sand	2800			
				Flushing	108 x	Water	2400	80/10	(377 M) W 2" 55/10	(6,902 M) M. 5 1/2" 2
				Breakdown						Dowell
				Treating						
				Flushing	x					

COAL CEMENTING RECORD

Date Cemented.....Size Hole Cemented.....Size Casing Cemented.....  
 Top Pittsburgh Coal.....Top Cementing.....Amount Cement Used.....  
 Bottom Pittsburgh Coal.....Bottom Cementing.....Amount Sand Used.....  
 Mr.....of.....Coal Company on ground when coal was cemented.  
 Remarks:.....Signature of persons who cemented well

Approved /s/ P. H. Goodwin  
District Superintendent

12/09/2022

SPW  
10/13/2022

4709700772

### Plugging Prognosis

API #: 4709700772

West Virginia, Upshur County

Lat/Long: 39.07185233536, -80.1967106540496

Nearest ER: St. Joseph's Hospital (WVU Medicine) – 1 Amalia Dr., Buckhannon, WV 26201

### Casing Schedule

13-3/8" @ 90'

10-3/4" @ 439' (cemented up to 366' w/ 15 sks cmt)

8-3/8" @ 1843' (no cement or gel used)

7" @ 2297' (Set on Packer, no cement or gel used)

5-1/2" @ 4356' (cemented up to 3773' per well report)

TD @ 4356'

Completion: Perforated 4237'; 4238'; 4239'; 4248' after completion, well plugged back to 4223'

Fresh Water: 170'

Salt Water: 2110'; 2137'-2144'

Gas Shows: 2137'-2144'

Oil Shows: 2137'-2144'

Coal: 137-144' (Per Well Report – Mined Out)

Elevation: 1532

1. Notify Inspector Sam Ward @ 304-389-7583, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ wireline.
4. Kill well with 6% bentonite gel if needed.
5. TIH w/ tbg to 4223'. Pump 100' Class A/Class L Cement Plug from 4223' to 4123'. *WOC Tag Plug SDW*
6. TOOH w/ tbg to 4123'. Pump 6% bentonite gel from 4123' to 2347'.
7. Free point 5-1/2" csg. Cut and TOOH. Set 100' Class A/Class L 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 2347'. Pump 310' Class A/Class L cement plug from 2347' to 2037' (7" casing shoe and Gas/Oil/Saltwater shows plug). Tag TOC. Top off as needed.
9. TOOH w/ tbg to 2037'. Pump 6% bentonite gel from 2037' to 1893'
10. Free point 7" csg. Cut and TOOH. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. **Do not omit any plugs listed below. Perforate as needed.**
11. TIH w/ tbg to 1893'. Pump 100' Class A/Class L cement plug from 1893' to 1793' (8-3/8" csg shoe plug).
12. TOOH w/ tbg to 1793'. Pump 6% bentonite gel from 1793' to 1532'.
13. Free point 8-3/8" csg. Cut and TOOH. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. **Do not omit any plugs listed below. Perforate as needed.**
14. TOOH w/ tbg to 1532'. Pump 100' Class A/Class L cement plug from 1532' to 1432' (elevation plug).
15. TOOH w/ tbg to 1432'. Pump 6% bentonite gel from 1432' to 489'.
16. TOOH w/ tbg to 489'. Pump 100' Class A/Class L cement plug from 489' to 389' (10-3/4" csg shoe plug).
17. TOOH w/ tbg to 389'. Pump 6% bentonite gel from 389' to 220'.
18. Free point 10-3/4" csg. Cut and TOOH. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. **Do not omit any plugs listed below. Perforate as needed.**
19. TOOH w/ tbg to 220'. Pump 220' Class A/Class L cement plug from 220' to Surface. (fresh water, coal, 13-3/8" csg shoe and surface plug).
20. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

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Environmental Protection

SDW  
10/13/2022

12/09/2022

4709700772

WW-4A  
Revised 6-07

1) Date: September 28, 2022  
2) Operator's Well Number  
10495

3) API Well No.: 47 - 097 - 00772

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>Barbara A. Swisher</u>	Name <u>None</u>
Address <u>5825 Clarksburg Road</u>	Address _____
<u>Buckhannon, WV 26201</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Penn Virginia Operating Company, LLC</u>
_____	Address <u>7 Sheridan SQ STE 400</u>
_____	<u>Kingsport, TN 37660</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>304-389-7583</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	<u>Diversified Production, LLC</u>	
By:	<u>Austin Suttler</u>	<u>Austin Suttler</u>
Its:	<u>Plugging Manager</u>	
Address	<u>414 Summers Street</u>	<u>RECEIVED</u>
	<u>Charleston, WV 25301</u>	<u>Office of Oil and Gas</u>
Telephone	<u>304-419-2562</u>	<u>SEP 30 2022</u>

WV Department of Environmental Protection

Subscribed and sworn before me this 28<sup>th</sup> day of September, 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).

12/09/2022

47-097-00772

Well 10495

7022 2410 0001 3247 0588

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<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage  
 \$ \_\_\_\_\_

Total P  
 \$ \_\_\_\_\_

Sent To  
**Well 10495 47-097-00772**

Street  
**Penn Virginia Operating Company, LLC**

City, St  
**7 Sheridan SQ STE 400**  
**Kingsport, TN 37660**

PS Form 3800, June 2019 See Reverse for Instructions



7022 2410 0001 3247 0571

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<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage  
 \$ \_\_\_\_\_

Total F  
 \$ \_\_\_\_\_

Sent To  
**Well 10495 47-097-00772**

Street  
**Barbara A. Swisher**

City, St  
**5825 Clarksburg Road**  
**Buckhannon, WV 26201**

PS Form 3800, June 2019 See Reverse for Instructions





4709700772

WW-9  
(5/16)

API No. 47 097 00772  
Operator's Well No. Well 10495

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) Pecks Run of Buckhannon River Quadrangle Philippi SW

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 2D08300792002 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

*SPW*  
*10/3/2022*

Will closed loop system be used? If so, describe: \_\_\_\_\_

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

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-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? \_\_\_\_\_

OCT 13 2022

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

WV Department of  
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-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-Landfill or offsite name/permit number? \_\_\_\_\_

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.

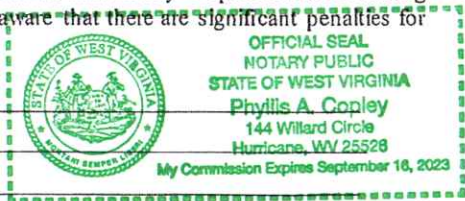
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations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

Company Official (Typed Name) Austin Sutler

Company Official Title Plugging Manager



Subscribed and sworn before me this 28<sup>th</sup> day of September, 2022

*Phyllis A. Copley* Notary Public

My commission expires September 16, 2023

12/09/2022

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: [Signature]

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Comments: OCT 13 2022

WV Department of Environmental Protection

Title: OOG Inspector Date: 10/3/2022

Field Reviewed? ( ) Yes ( X ) No

WW-7  
8-30-06

4709700772



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

API: 4709700772 WELL NO.: 10495  
FARM NAME: Herbert N Swecker  
RESPONSIBLE PARTY NAME: Diversified Production  
COUNTY: Upshur DISTRICT: Warren  
QUADRANGLE: Philippi SW  
SURFACE OWNER: Barbara A Swisher  
ROYALTY OWNER: Diversified ABS II LLC  
UTM GPS NORTHING: 4325115.29  
UTM GPS EASTING: 569462.89 GPS ELEVATION: 1528.87'

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  : Post Processed Differential   
Real-Time Differential

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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.

Digitally signed by Austin Sutler  
Date: 2022.04.12 15:18:24 -04'00'  
Signature Sr. Proj. Manager Title 4/12/2022 Date

12/09/2022

4709700772



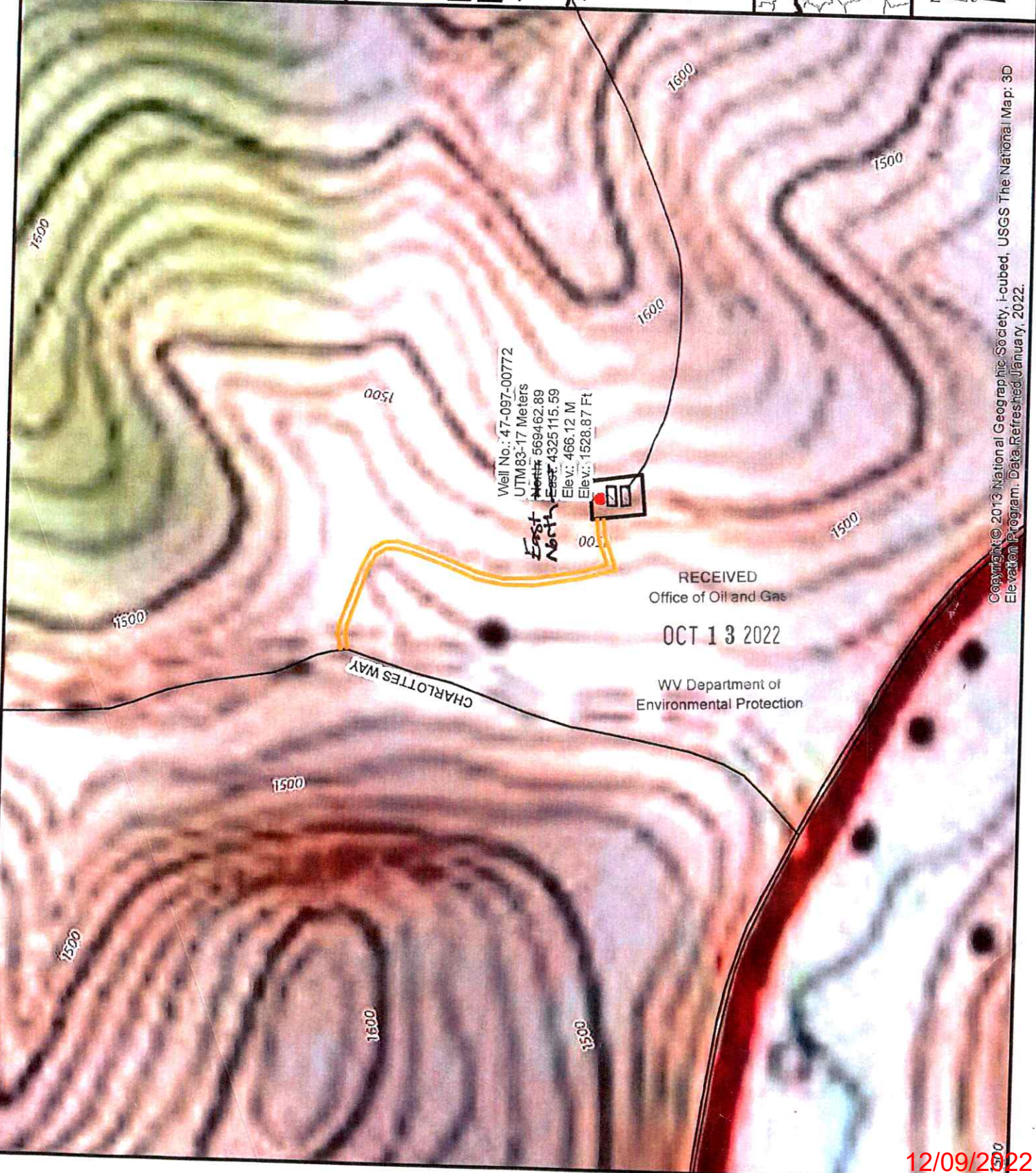
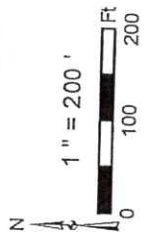
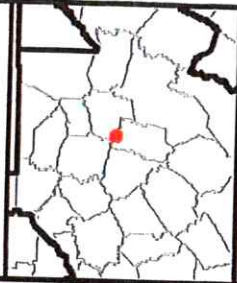
**DIVERSIFIED**  
energy  
100 Diversified Way  
Pikeville KY, 41051

47-097-00772  
Plugging Map

**Legend**

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

7 Pit  
10' W  
20' L  
8' D  
285 bbl



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12/09/2022



To Whom it May Concern,

Attached is an amendment that has been submitted to Chief of the office of oil and gas of the West Virginia Department of Environmental Protection. The subject well is listed within the letter to the Chief.

Thank You.

7022 1670 0001 8750 5399

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Total \$7.85

Sent To  
Street  
City, State

Well 10495 47-097-00772  
Penn Virginia Operating Company, LLC  
7 Sheridan SQ STE 400  
Kingsport, TN 37660

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10/04/2022  
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Street  
City, State

Well 10495 47-097-00772  
Barbara A. Swisher  
5825 Clarksburg Road  
Buckhannon, WV 26201

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energy

47 0 97 0 0 7 7 2

10/4/2022

James Martin  
Office of Oil and Gas  
601 57<sup>th</sup> 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:

47-097-00772            Swecker H

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

Sincerely,

Austin Sutler  
Asset Retirement Manager




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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, 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**

<b>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</b>	) ) ) ) ) )	<b>ORDER NO. 2022-13</b>
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**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





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

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## plugging permits issued 4709701322 09701709 09700093 09700772

1 message

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

Thu, Dec 8, 2022 at 2:46 PM

To: Samuel D Ward <samuel.d.ward@wv.gov>, Phyllis Copley <pcopley@dgoc.com>, Austin Sutler <asutler@dgoc.com>, dwzickefoose@upshurcounty.org


To whom it may concern plugging permits have been issued for 4709701322 09701709 09700093 09700772.


James Kennedy


WVDEP OOG


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### 8 attachments


 **IR-8 4709701322.pdf**  
12K


 **4709701322.pdf**  
2789K

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