



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

Thursday, December 19, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for WP-239
47-109-01328-00-00

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: GEORGIA PACIFIC CORP.
U.S. WELL NUMBER: 47-109-01328-00-00
Vertical Plugging
Date Issued: 12/19/2024

Promoting a healthy environment.

12/20/2024

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.
4. 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.

RECEIVED
Office Of Oil and Gas

DEC 12 2024

1) Date November 21, 2024
2) Operator's
Well No. GEORGIA PACIFIC CORP WP-239
3) API Well No. 47-109-01328

WV Department of
Environmental Protection

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 / Liquid injection / Waste disposal /
(If "Gas, Production" or Underground storage) Deep / Shallow

5) Location: Elevation 2782.47 Watershed Sow Branch
District Slab Fork County Wyoming Quadrangle Metheny 7.5

6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301


8) Oil and Gas Inspector to be notified
Name Christian Porter
Address PO Box 181
Holden, WV 25625

9) Plugging Contractor
Name Next LVL Energy (Diversified Owned)
Address 104 Hellport Loop Rd
Bridgeport, WV 25330

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  Date 12-10-24

Plugging Prognosis

API #: 47-109-01328

West Virginia, Wyoming County

Lat/Long – 37.726033, -81.51115

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

Casing Schedule

8-5/8" @ 2199' – Cemented w/ 849 ft³ – ETOC @ Surface using 11" O.H.

5-1/2", 15.5ppf @ 4620' – Cemented w/ 178 ft³ – **Squeezed w/ 135 sks Class A w/ 3% CaCl₂ through perfs @ 2907.5'. ETOC @ 2038' using 7-5/8" O.H. & 1.18 yield.**

TD @ 4733' – **Lost bottom part of hole from 4723'-4650'. Could not log below 4650'.**

Completion: Weir – 17 Perfs @ 4058'-4066' – 250 gal 15% HCL, 27,000 gal 75Q Foam, 270 MSCF N₂, 512 sks sand

Big Lime – 16 Perfs @ 3550'-3803' – 250 gal 20% HCL, 1000 gal 15% HCL, 20,000 gal 75Q foamed 15% HCL

Princeton – 2 Perfs @ 2476'-2480' & Ravencliff – 15 Perfs @ 2607'-2619' – 500 gal 15% HCL, 22,000 gal 75Q foam, 292 MSCF, 300 sks sand

Fresh Water: 3326'-3356'

Salt Water: 3326'-3356'

Gas Shows: 2594'-2626', 3468'-3848'

Oil Shows: None Reported

Coal: 186'-190', 1820'-1826'

Elevation: 2780'

1. Notify Inspector Christian Porter @ 304-541-0079, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ sandline/tbg.
4. **Pump Gel between each plug.**
5. Free point 5-1/2" csg. Record TOC/free point for later use. **Adjust procedure order as needed depending on TOC/free point.**
6. TIH w/ tbg to 4640'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 20 bbls gel. Pump 659' Class L/Class A cement plug from **4640' to 3981' (5-1/2" Csg Shoe & Completion – Weir Plug)**. Approximately 78 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
7. TOO H w/ tbg to 3853'. Pump 577' Class L/Class A cement plug from **3853' to 3276' (Completion – Big Lime, & Water Show Plug)**. Approximately 71 sks @ 1.14 yield. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
8. TOO H w/ tbg to 2830'. Pump 430' Class L/Class A cement plug from **2830' to 2400' (Elevation, & Completion – Ravencliff & Princeton Plug)**. Approximately 53 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
9. Cut 5-1/2" csg just above free point & TOO H, laying down. Set 100' Class L/Class A cement plug across csg cut. 50' in/out of cut. TOO H w/ tbg to top of plug. Approximately

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- 21 sks @ 1.14 yield. Do not omit any plugs listed below. Perforate as needed. **Can combine w/ 8-5/8" Csg Shoe & Coal Plug.**
10. TOOH w/ tbg to 2249'. Pump 479' **Expanding Class L/Class A** cement plug from **2249' to 1770' (8-5/8" Csg Shoe & Coal Plug)**. Approximately 57 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. **Can combine w/ 5-1/2" Csg Cut Plug.**
 11. TOOH w/ tbg to 240'. Pump 240' **Expanding Class L/Class A** cement plug from **240' to Surface (Coal, & Surface Plug)**. Approximately 77 sks @ 1.14 yield. Top off as needed. Perforate as needed.
 12. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

12/20/2024

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

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WV Division of
Environmental Protection

Well Operator's Report of Well Work

Farm name: GEROGIA PACIFIC CO. Operator Well No.: WV 309 1994

LOCATION: Elevation: 2,780.00 Quadrangle: MATHENY

District: SLAB FORK County: WYOMING
Latitude: 8700 Feet South of 37 Deg. 45Min. Sec.
Longitude 3250 Feet West of 81 Deg. 30 Min. Sec.

Permitting
Office of Oil & Gas

Company: PENN VIRGINIA RESOURCES M
HWY. 58-421 W., P. O. BOX 386
DUFFIELD, VA 24244-0386

Agent: JOHN O. KIZER/ C.T CORP.

Inspector: RODNEY DILLON
Permit Issued: 06/01/93
Well work Commenced: 08/03/93
Well work Completed: 10/20/93
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 4733'
Fresh water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill U ₁ Cu. Ft
8 5/8"	2199'	2199'	849 cu. ft.
5 1/2"	4620'	4620'	178 cu. ft.

Salt water depths (ft) _____

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

OPEN FLOW DATA

Princeton, Ravencliff,
Producing formation Big Lime, & Weir Pay zone depth (ft)
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/
Final open flow 2923 MCF/d Final open flow _____ Bbl/
Time of open flow between initial and final tests 4 Hour
Static rock Pressure 230 psig (surface pressure) after 48 Hour

Second producing formation Pay zone depth (ft)
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/
Final open flow _____ MCF/d Final open flow _____ Bbl/
Time of open flow between initial and final tests _____ Hour
Static rock Pressure _____ psig (surface pressure) after _____ Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATION INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENN VIRGINIA Oil & Gas Corp.

By: William M. Ryan William M. Ryan
Date: 7/6/94

WV 0 1328

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

Weir 4058-4066' 17 Holes Treatment: 250 gals. of 15% HCl acid followed by 27,000 gals. 75Q foam, 51,160 lbs. sand and 270 MSCF N2.

Big Lime 3550-3803' 16 Holes Treatment: All Big Lime intervals were treated together. 250 gals. of 20% HCl acid, load hole with water, breakdown and establish rate. Pump 1000 gals. of 15% HCl acid with ballscale, ball out. Pump 20,000 gals. of 75Q foamed 15% HCl acid.

Princeton 2476-2480' 2 Holes Treatment: Ravencliff & Princeton were treated together.

Ravencliff 2607-2619' 15 Holes 500 gals. of 15% HCl and frac with 22,000 gals. of 75Q foam 30,000 lbs. of sand and 292 MCF of N2.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	186	
Coal			186	190	
Sand & Shale			190	1820	
Coal			1820	1826	
Sand & Shale			1826	2450	
Princeton			2450	2490	
Sand & Shale			2490	2594	
Ravencliff			2594	2626	Show Gas
Avis LS			2626	2657	
Sand & Shale			2657	3326	
Sand			3326	3356	1½" stream water
Little Lime			3366	3462	
Lime & Shale			3462	3468	
Big Lime			3468	3848	Show Gas
Shale			3848	4031	
Weir			4031	4078	
Shale			4078	4723	
Total Depth			4723		

Note: Lost bottom part of hole from 4723 to 4650. Could not log below 4650'.

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Environmental Protection

(Attach separate sheets as necessary)

John Bonar
Well Operator

By John Bonar, Petroleum Engineer

Date: July 14, 1994

Note: Regulation 2.01(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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PENN VIRGINIA RESOURCES CORPORATION

INTER-OFFICE CORRESPONDENCE

To: John Bonar

From: Bill Ryan *BR*

Date: August 18, 1993

Subject: Perforations Well WP-239

<u>Formation</u>	<u>Perforations</u>	<u>% Treatment Per Zone</u>	<u>Suggested Treatment</u>
<u>1st Stage</u>			
Weir	4058 - 4066'	100%	Foam Frac
<u>2nd Stage</u>			
Big Lime	3798 - 3804'	50%	Foam Frac
	3756 - 3766'		
	3559 - 3564'		
	3549 - 3553'	50%	
<u>3rd Stage</u>			
Ravencliff	2607 - 2619'	85%	Foam Frac
Princeton	2476 - 2480'	15%	

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PENN VIRGINIA RESOURCES

Completion Report

W. P. Land # 239

Slab Fork District, Wyoming Co., WVA.

Date: 4-13-94

Report Number: 52

Supervisor: James Engineering

PBTD: Top of Latchdown plug at 4634'

Activity at Report Time

Well flowing to sales following installation of manually operated plunger @ 150 Mcfd, will continue to monitor and report as necessary.

Activity for Previous 24 Hours

0700 - 0700

Measure pressures, annulus = 195 psig, tubing = 60 psig, well flowing to sales @ 55 Mcfd, sales line pressure = 60 psig, CIP, drop bumper spring, plunger, NU spring loaded lubricator, run plunger to recover approximately .5 bbl of fluid, SI to allow plunger to fall, open tubing to sales @ 200 Mcfd.

Remarks

Weir Perfs: 4058 - 4066 (17) (isolated)

Big Lime: 3799' - 3803' (5)
3764' - 3766' (3)
3757' - 3759' (3)
3560' - 3563' (4)
3550.5' (1)

Ravencliff interval: 2607' - 2619' (15 shots)

Princeton interval: 2476' - 2480' (2 shots)

PENN VIRGINIA RESOURCES

Completion Report

W. P. Land # 239

Slab Fork District, Wyoming Co., WVa.

Date: 10-13-93

Report Number: 47
Supervisor: James Engineering

PBTD: Top of Latchdown plug at 4634'

Activity at Report Time

Well flowing following frac of Ravencliff/Princeton (54 psig of .5" choke = 427 Mcfd). Prepare to drill out plug.

Activity for Previous 24 Hours

0700 - 0830

POOH with remainder of tubing, ^{* Plug?} install 5" frac valve, measure gas flow @ 560 Mcfd through 2".

0830 - 1030

MIRU Hitwell Surveys, GIH with 4" HSC gun, TD well @ 4418', perforate 2607' - 2619' (15 shots); 2476' - 2480' (2 shots), POOH and lay out gun, all shots fired, GIH with ^{Pr. ad} Alpha Big Mouth plug set @ 2630', POOH and lay out setting tool. RIMO Hitwell.

1030 - 1330

MIRU Dowell, RU, test lines to 3500 psi, pump 4 bbls 15% HCl acid, drop ball, pump 8 bbls acid, displace with 62 bbls treated water, break formation @ 1150 psi, pre-frac ISIP = 500 psi, BHFP = 1630 psi, N2 factor of 595 scf/bbl, frac per the following schedule using 22000 gls 75Q foam (140 bbls treated water & 292 Mcf N2) to place 30000 lbs of sand. Job pumped @ 30 bpm.

VOLUME	STAGE	PSI
10000	Pad	1970
3000	1#	1850
3000	2#	1840
3000	3#	1830
3000	4#	1700 (20 bpm rate due to pump problem)
2600	Flush	2000

Post frac ISIP = 1960, 5M = 1660, 10M = 1600.
RIMO Dowell, start flowback on .5" choke @ 1430 hrs.

WP - ²³329 ; CONT'D

Remarks

Weir Perfs: 4058 - 4066 (17) (isolated)

Big Lime: 3799' - 3803' (5)
3764' - 3766' (3)
3757' - 3759' (3)
3560' - 3563' (4)
3550.5' (1)

Ravencliff interval: 2607' - 2619' (15 shots)

Princeton interval: 2476' - 2480' (2 shots)

PENN VIRGINIA RESOURCES

COMPLETION REPORT

WP Land #239
Slab Fork District, Wyoming County, WV

Date: October 1, 1993

Report #: 38

Supervisor: James Engineering

PBTD: Top of Latchdown plug at 4634'
Baker wireline set retrievable bridge plug at 3026'

Activity at Report time: WOC

Activity for Previous 24 hours:

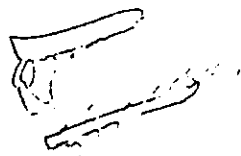
0700-0800	Well flowing on 1/2" choke at 41 psi (333 MCFPD)
0800-1030	Blew well down, MIRU Hitwell Surveys
1030-1200	Perf. 5 1/2" casing at 2907.5 with 4 shots. Set Baker RBP at 3026'. RD Hitwell. MIRU Dowell.
1200-1400	Squeeze 5 1/2" casing with 135 sacks Class A Cement with 3% CaCl ₂ displaced plug to 2713', locked up at 1500 psi. RD Dowell.
1400-0700	WOC.

Remarks:

Weir Perfs	4058'-4066' (17 shots)
Squeeze Perfs	3826' (4 shots) 2907.5' (4 shots)
Big Lime Perfs	3799'-3803' (5 shots) 3764'-3766' (3 shots) 3757'-3759' (3 shots) 3560'-3563' (4 shots) 3550.5' (1 shot)

kdd

RP
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PENN VIRGINIA RESOURCES

COMPLETION REPORT

**WP Land #239
Slab Fork District, Wyoming County, WV**

Date: 9/30/93

Report #: 37

Supervisor: James Engineering

PBTD: Top of Latchdown plug at 4634'

Activity at Report Time: Well flowing on 1/2" choke.

Activity for Previous 24 hours:

0700-0800	Prepare to pull tubing
0800-0930	Pull tubing - Power tongs tore up
0930-1100	Replace power tongs
1100-1215	Pull tubing, broke hydraulic hose
1215-1400	Repair hydraulic hose
1400-1610	Finish POOH with plug, full recovery
1610-0700	Put well on 1/2" choke, open to pit

Remarks

Weir Perfs:	4058'-4066'	(17 shots)
Squeeze Perfs:	3826'	(4 shots)
Big Lime Perfs:	3799'-3803'	(5 shots)
	3764'-3766'	(3 shots)
	3757'-3759'	(3 shots)
	3560'-3563'	(3 shots)
	3550.5'	(1 shot)

kdd



12/20/2024

PENN VIRGINIA RESOURCES

COMPLETION REPORT

WP Land #239
Slab Fork District, Wyoming County, WV

Date: September 29, 1993

Report #: 36

Supervisor: James Engineering

PBTD: Top of Latchdown plug at 4634'

Activity at Report Time: Preparing to finish pulling arrow BP

Activity for previous 24 hrs:

0700-1100	Drlg Cement from 3836' to 3842'
1100-1415	Haul 2 3/8" tubing to location
1415-1530	Clean out hole to 3848'
1530-1830	RIH with 5 1/2" retrieving head on 2 3/8" tubing
1830-1945	MIRU Dowell, wash off plug and release
1945-2000	Pull 10 joints tubing, SDON
2000-0700	SDON

Remarks

Weir Perfs:	4058'-4066'	(17 shots)
Squeeze Perfs:	3826'	(4 shots)
Big Lime Perfs:	3799'-3803'	(5 shots)
	3764'-3766'	(3 shots)
	3757'-3759'	(3 shots)
	3560'-3563'	(3 shots)
	3550.5'	(4 shots)
	3550.5'	(1 shot)

kdd

PENN VIRGINIA RESOURCES

COMPLETION REPORT

WP Land #239
Slab Fork District, Wyoming County, WV

Date: September 28, 1993

Report #: 35

Supervisor: James Engineering

PBTD: Top of Latchdown plug at 4634'
5 1/2" RBP at 3850'

Activity at Report Time: Preparing to drill cement

Activity for previous 24 hours:

0700 - 0830	Preparing to drill cement
0830 - 1830	Drilling cement from 3815' to 3836'
1830 - 2030	Wait on tubing unload 2 3/8" tubing
2030 - 0700	SDON

Remarks:

Weir Perfs:	4058' - 4066' (17 shots)
Squeeze Perfs:	3826' (4 shots)
Big Line:	3799' - 3803' (5 shots)
	3764' - 3766' (3 shots)
	3757' - 3759' (3 shots)
	3560' - 3563' (4 shots)
	3550.5' (1 shot)

/dsa

DEC 12 2024

1) Date: 11/21/2024
2) Operator's Well Number GEORGIA PACIFIC CORP WP-239

3) API Well No.: 47 - 109 - 01328

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>Lyme Mountaineer Timberlands</u>	Name <u>Prime Met, Inc</u>
Address <u>23 South Main St.</u>	Address <u>838 Euclid Ave. Suite 305</u>
<u>Hanover, NH 03758</u>	<u>Lexington, KY 40505</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>West Virginia MID VOL, INC.</u>
	Address <u>838 Euclid Ave. Suite 305</u>
	<u>Lexington, KY 40505</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Christian Porter</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 181</u>	Name _____
<u>Holden, WV 25625</u>	Address _____
Telephone <u>(304) 541-0079</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: Chris Veazey
 Its: Director of Administration
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707



Subscribed and sworn before me this 21st day of November, 2024
Jeffrey Bush Notary Public
 My Commission Expires September 28, 2028

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.

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WV Department of
Environmental Protection

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND FLOOR
CHARLESTON WV 25301

USPS CERTIFIED MAIL™



9407 1362 0855 1274 8901 35



LYME MOUNTAINEER TIMBERLANDS II, LLC
23 S MAIN ST
HANOVER NH 03755-2075

US POSTAGE AND FEES PAID
2024-11-21
25301
C4000004
Retail
4.0 OZ FLAT



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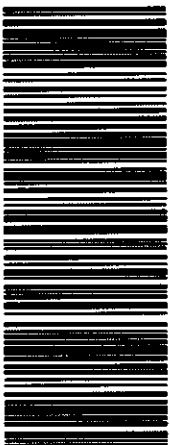
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WV Department of
Environmental Protection

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
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USPS CERTIFIED MAIL™



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838 EUCLID AVE STE 302
LEXINGTON KY 40502-1773

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Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND FLOOR
CHARLESTON WV 25301

WEST VIRGINIA MID VOL INC
836 EUCLID AVE
LEXINGTON KY 40502-1783

9407 1362 0855 1274 8900 81



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WV Department of
Environmental Protection

west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 826-0450

Harold D. Ward, Cabinet Secretary
dep.wv.gov

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4) ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

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.

Promoting a healthy environment.

12/20/2024

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.

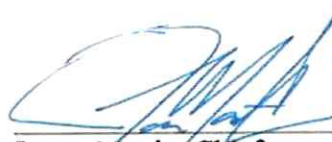
ORDER

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

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Environmental Protection

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DIVERSIFIED
energy

Date: 11/21/2024

James Martin
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
(304)926-0450

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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:

API Number 4710901328

Well Name GEORGIA PACIFIC CORP WP-239

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

Sincerely,

Diversified Energy Permitting Department

DEC 12 2024

WV Department of
Environmental Protection

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)Sow Branch QuadrangleMatheny 7.5'

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: Production 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 2D03902327 002)
- 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) Chris Veazey

Company Official Title Director of Administration



Subscribed and sworn before me this 21st day of November, 2024

[Signature] Notary Public

My commission expires September 28, 2028

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Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac. Prevegetation pH N/A

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

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Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alaska	5	Alaska 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: Inspector Owen [Signature]

Comments: Operator to cover with cement all oil and gas fractures including salt, cleavage, coals and fresh water.

Title: Inspector Date: 12-10-24

Field Reviewed? () Yes () No

WW-7
8-30-06

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

API: 4710901328 WELL NO.: GEORGIA PACIFIC CORP WP-239

FARM NAME: Forest Land Group

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Wyoming DISTRICT: Slab Fork

QUADRANGLE: Matheny 7.5'

SURFACE OWNER: Lyme Mountaineer Timberlands II, LLC

ROYALTY OWNER: Penn Virginia Oil & Gas Corporation

UTM GPS NORTHING: 4175564.11

UTM GPS EASTING: 454986.69 GPS ELEVATION: 2782.47'

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 ____

- 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

Chris Veazey - Director of Administration
Title

11/21/2024
Date

12/20/2024



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

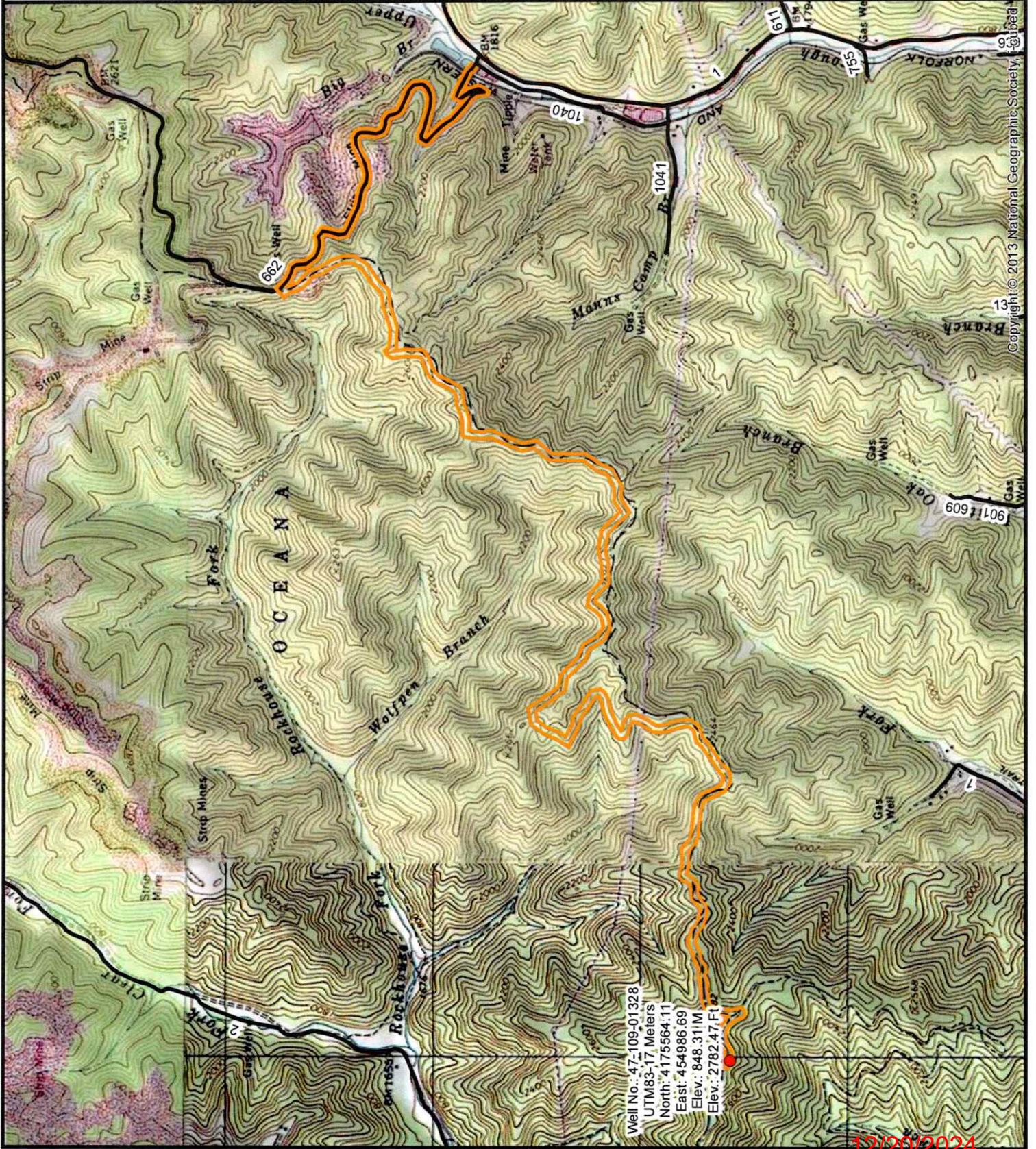
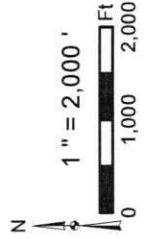
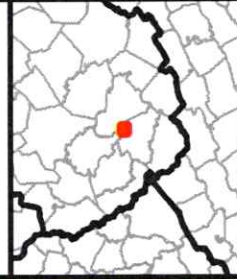
47-109-01328

Well Plugging Map

Legend

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

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12/26/2024

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

47-109-01328

Well Plugging Map

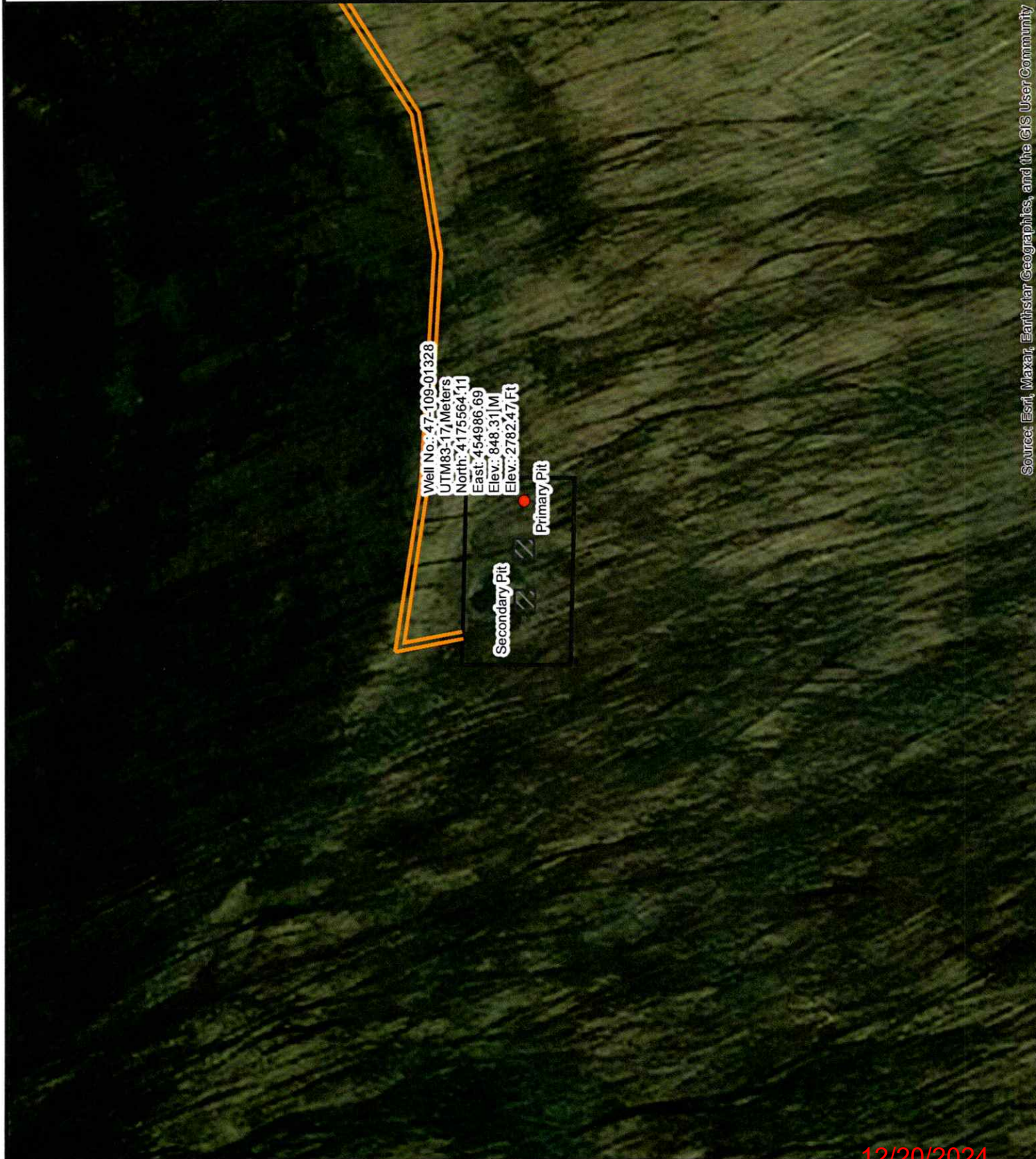
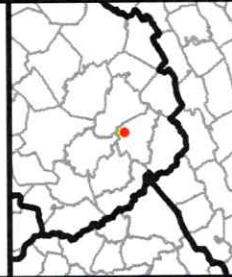
Legend

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

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Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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11/10/2016

PLUGGING PERMIT CHECKLIST
4710901328

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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
- 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

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SURFACE OWNER WAIVER

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Operator's Well
Number

4710901328

WV Department of
Environmental Protection

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,
ETC.

_____	Date	_____	Name	_____
Signature			By	_____
			Its	_____
				Date

Signature

Date

⑥ 12/20/2024

WW-4B

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API No. 4710901328

Farm Name Forest Land Group

Well No. GEORGIA PACIFIC CORP WP-239

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

12/20/2024



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

plugging permit issued 4710901328

1 message


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

Thu, Dec 19, 2024 at 3:23 PM

To: Alvis C Porter <alvis.c.porter@wv.gov>, Nicholas Bumgardner <nbumgardner@dgoc.com>, mecook2@assessor.state.wv.us, Chris Veazey <CVeazey@dgoc.com>

To whom it may concern, a plugging permit has been issued for 4710901328.

James Kennedy
WVDEP OOG

 **4710901328.pdf**
3442K

12/20/2024