



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

Friday, June 26, 2026

WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for WP-371R
47-109-02474-00-00

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.

H. Jason Harmon
Chief

Operator's Well Number:
Farm Name: THE FOREST LAND GROUP
U.S. WELL NUMBER: 47-109-02474-00-00
Vertical Plugging
Date Issued: 6/26/2026

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.
5. No sooner than sixty (60) days and no greater than ninety (90) days after the completion of the plugging of the well, the operator shall conduct an evaluation of the plugging operations to verify that the well is not leaking any fluid or gases and is properly sealed at the surface to prevent fluids or other materials from entering the well. Reports of such analysis are required to be provided to the agency with the permittee's filing of the WR-38. Wells affirmed to be leaking after plugging operations have completed, will be considered to not be properly plugged and may be required to be retested, repaired, and/or replugged.

1) Date May 6, 2026
2) Operator's
Well No. The Forest Land Group WP-371R
3) API Well No. 47-109-02474

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 2002.44' Watershed Laurel Fork
District Slab Fork County Wyoming Quadrangle McGraws 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 9) Plugging Contractor
Name Christian Porter Name Next LVL Energy (Diversified Owned)
Address PO Box 181 Address 104 Helliport Loop Rd
Holden, WV 25625 Bridgeport, WV 25330

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

See Attached

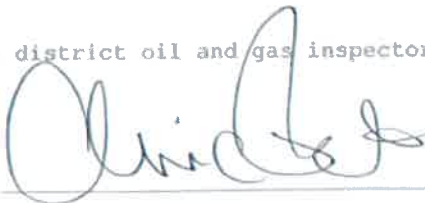
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WV Department of
Environmental Protection

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

Work order approved by inspector



Date 5-18-26

07/03/2026

Plugging Prognosis – **New Regulation**

API #: 47-109-02474

West Virginia, Wyoming County

Lat/Long – 37.699307, -81.492481

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

Casing Schedule

13-3/4 @ 22' – Cementing Information Unknown

7" @ 1013' – Cemented w/ 203 cu ft – ETOC @ Surface using 9" Hole

4-1/2" @ 1645' – Cemented w/ 109 cu ft – ETOC @ 392' using 6-1/4" Hole

TD @ 3250'

Completion: Ravenscliff – 1515'-1542' – 54 Perfs – Treated w/ 250 gal 15% HCL acid, 50,346 lbs 20/40 sand, 409,000 scf N₂, 239 bbl H₂O, 70Q Foam

Fresh Water: 62'

Salt Water: 2448' based off offset well 47-109-02126 @ elevation 2354' and offset 0.94 miles

Gas Shows: None Reported

Oil Shows: None Reported

Coal: 62'-64', 110'-112', 130'-132', 215'-216' (Not Mineable Thickness), 228'-229' (Not Mineable Thickness), 283'-284' (Not Mineable Thickness), 290'-291' (Not Mineable Thickness), 331'-332' (Not Mineable Thickness), 470'-473', 695'-698', 968'-970'

Open Mine: None Reported

Elevation: 2002' – Trimble GPS

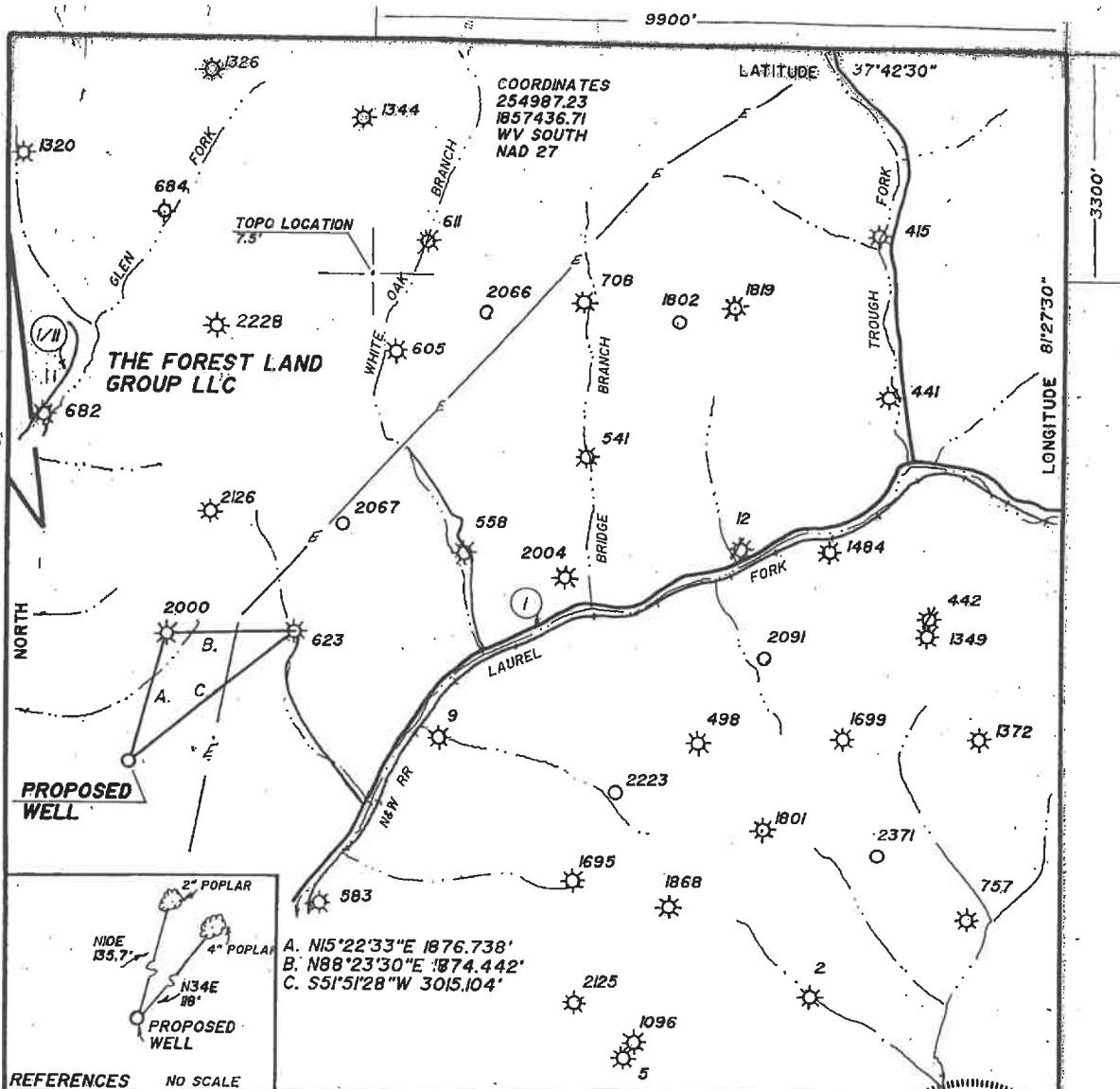
1. Notify Inspector Christian Porter @ 304-541-0079, 48 hrs prior to commencing operations.
2. MIRU service rig and ancillary equipment.
3. Check and record pressures on csg/tbg. Kill well as necessary with fresh water or brine water.
4. Check TD w/ sandline/tbg.
5. TOOH w/ any rods and/or tbg in well.
6. Verify TOC on backside of 4-1/2" csg.
7. **Pump 6% Bentonite gel between each plug.**
8. TIH w/ tbg to 3240', 10' above TD. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 60 bbls gel.
9. TOOH w/ tbg to 2973'. Pump 100' Class L/Class A cement plug from **3073' to 2973' (Offset Producing Formation - Weir Plug)**. Approximately 19 sks @ 1.18 yield in 6-1/4" O.H. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
10. TOOH w/ tbg to 2442'. Pump 114' Class L/Class A cement plug from **2442' to 2328' (Offset Producing Formation – Big Lime & Offset Saltwater Plug)**. Approximately 21 sks @ 1.18 yield in 6-1/4" O.H. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
11. TOOH w/ tbg to 1482'. Pump 569' **Expanding Class L/Class A cement plug from 1482' to 913' (Completion – Ravenscliff, & Coal Protection String Shoe Plug)**. Approximately 44



07/03/2026

- sks @ 1.18 yield in 4-1/2" csg. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
12. If 4-1/2" csg is not CTS, cut just above free point and TOO H.
 13. Verify TOC on backside of 7" csg.
 1. If 7" is CTS, jump to step 16 and set 100' surface plug.
 2. If 7" is NOT CTS, then perform steps 14 & 15.
 14. TIH w/ w/ tbg to 738'. Pump 288' Class L/Class A cement plug from **738' to 450' (Coal Plug)**. Approximately 22-41 sks @ 1.18 yield in 4-1/2" and/or 7" csg. Tag TOC. Top off as needed. Do not omit any plugs listed below. **Perforate as needed (738' & 450')** depending on TOC on backside of 4-1/2". Squeeze FW Zones
 15. TOO H w/ tbg to 172'. Pump 172' Class L/Class A cement plug from **172' to Surface (Coal, Freshwater, & Surface Plug)**. Approximately 13-36 sks @ 1.18 yield in 4-1/2" and/or 7" csg. Tag TOC. Top off as needed. Do not omit any plugs listed below. **Perforate as needed (172')** depending on TOC on backside of 4-1/2". Squeeze FW Zones
 16. TOO H w/ tbg to 100'. Pump 100' Class L/Class A cement plug from **100' to Surface (Freshwater & Surface Plug)**. Approximately 21 sks @ 1.14 yield in 7" csg. Tag TOC. Top off as needed. Do not omit any plugs listed below. **Perforate as needed (100')** depending on TOC on backside of 4-1/2". Squeeze FW Zones
 17. Reclaim location and well road to WVDEP specifications and erect P&A well monument.





REFERENCES NO SCALE

FILE NO. _____

DRAWING NO. _____

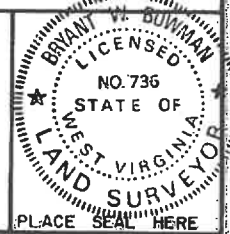
SCALE 1"=2000'

MINIMUM DEGREE OF ACCURACY 1/7500

PROVEN SOURCE OF ELEVATION BM 1786 NEAR GLEN ROGERS HIGH SCHOOL ELE. 1786

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 MINES.

(SIGNED) *Bryant V. Bowman* R. P. E. L. L. S. 736



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6

(8-78)



DATE AUGUST 6 2004

OPERATOR'S WELL NO. WP-371R

API WELL NO.

47 - 109 - 02474

STATE COUNTY

PERMIT

Division of Environmental Protection
Office of Oil & Gas

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

LOCATION: ELEVATION 1916 WATER SHED GLEN FORK OF LAUREL FORK

DISTRICT SLAB FORK COUNTY WYOMING

QUADRANGLE MCGRAWS, WV 7.5'

SURFACE OWNER THE FOREST LAND GROUP LLC ACREAGE 30000±

OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 30000±

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 CORP DESIGNATED AGENT MR. HARRY JEWEL

ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460

KINGSPORT, TN 37660

RAVENCLIFF, WV 25913

Charleston, WV

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

1st Stage - Ravenclyff (1515' - 1542') with 54 holes. Treated with 250 gal. 15% HCL acid, 50346 lbs 20/40 sand, 409 Mscf. N2, 239bbl water. Flushed with 70Q foam. ISIP 2074 psi., ATP 2760 psi., APR 22.1 bpm downhole.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sd, Shale, & Coal	0	970	
Sand & Shale	970	1355	
Princeton Sand	1355	1401	
Sand & Shale	1401	1502	
Ravenclyff Sand	1502	1558	
Shale	1558	1561	
Avis Limestone	1561	1600	
Sand, Shale, & Red Rock	1600	2260	
Sand	2260	2339	
Shale	2339	2370	
Little Lime	2370	2447	
Shale & Lime	2447	2462	
Big Lime	2462	2914	
Shale	2914	3093	
Weir	3093	3135	
Shale	3135	TD	

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07/03/2026

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

Farm Name The Forest Land Group, LLCOperator Well No.: WP-371RLOCATION: Elevation: 1916Quadrangle: McGraws 7 1/2'District: Slab ForkCounty: WyomingLatitude: 3300 Feet South of 37 Deg. 42 Min. 30 Sec.Longitude: 9900 Feet West of 81 Deg. 27 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 3/4"	22'	22'	0
Kingsport, TN 37660	7"	1013'	1013'	203
Agent: Harry Jewell	4 1/2"	1645'	1645'	109
Inspector: Ralph Triplett				
Date Permit Issued: 12/02/2004				
Date Well Work Commenced: 12/27/2004				
Date Well Work Completed: 02/22/2005				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3,250				
Fresh Water Depth (ft):				
62' - 1" Stream				
Salt Water Depth (ft):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft): 62'-64', 110'-112', 130'-132', 215'-216', 228'-229', 283'- 284', 290'-291', 331'-332', 470'-473', 695'-698', 968'-970'				

OPEN FLOW DATA

Producing formation RavencloftPay zone depth (ft) 15' 15"Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/dFinal open flow 150 MCF/d Final open flow Bbl/dTime of open flow between initial and final tests: 48 HoursStatic rock pressure 220 psig (surface pressure) after 792 HoursSecond producing formation Pay zone depth (ft) Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/dFinal open flow MCF/d Final open flow Bbl/dTime of open flow between initial and final tests: HoursStatic 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:

By: William M. RyanDate: 6/4/05RECEIVED
Office of Oil and Gas

MAY 19 2006

WV Department of
Environmental ProtectionRECEIVED
Office of Oil & Gas
Office of Chief

MAY 06 2005

WV Department of
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07/03/2026

109-02474

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Penn Virginia Oil & Gas Corporation

	Wyoming	Slab Fork	McGraws 7 1/2'
Operator ID	County	District	Quadrangle

2) Operator's Well Number: WP-371R

3) Elevation: 1916

4) Well Type: (a) Oil or Gas X

(b) If Gas: Production X / Underground Storage
 Deep / Shallow X

5) Proposed Target Formation(s): Princeton, Ravencliff, Big Lime, Weir, Gordon

6) Proposed Total Depth: 3900 Feet

7) Approximate fresh water strata depths: N/A

8) Approximate salt water depths: N/A

9) Approximate coal seam depths: 180, 250, 670, 950

10) Does land contain coal seams tributary to active mine? No

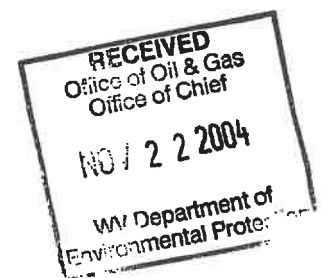
11) Describe proposed well work: Drill through the Gordon Formation. Log well, run & cement 4 1/2" casing
over prospective gas zones. Hydrofrac or acidize gas bearing formations

12) CASING AND TUBING PROGRAM

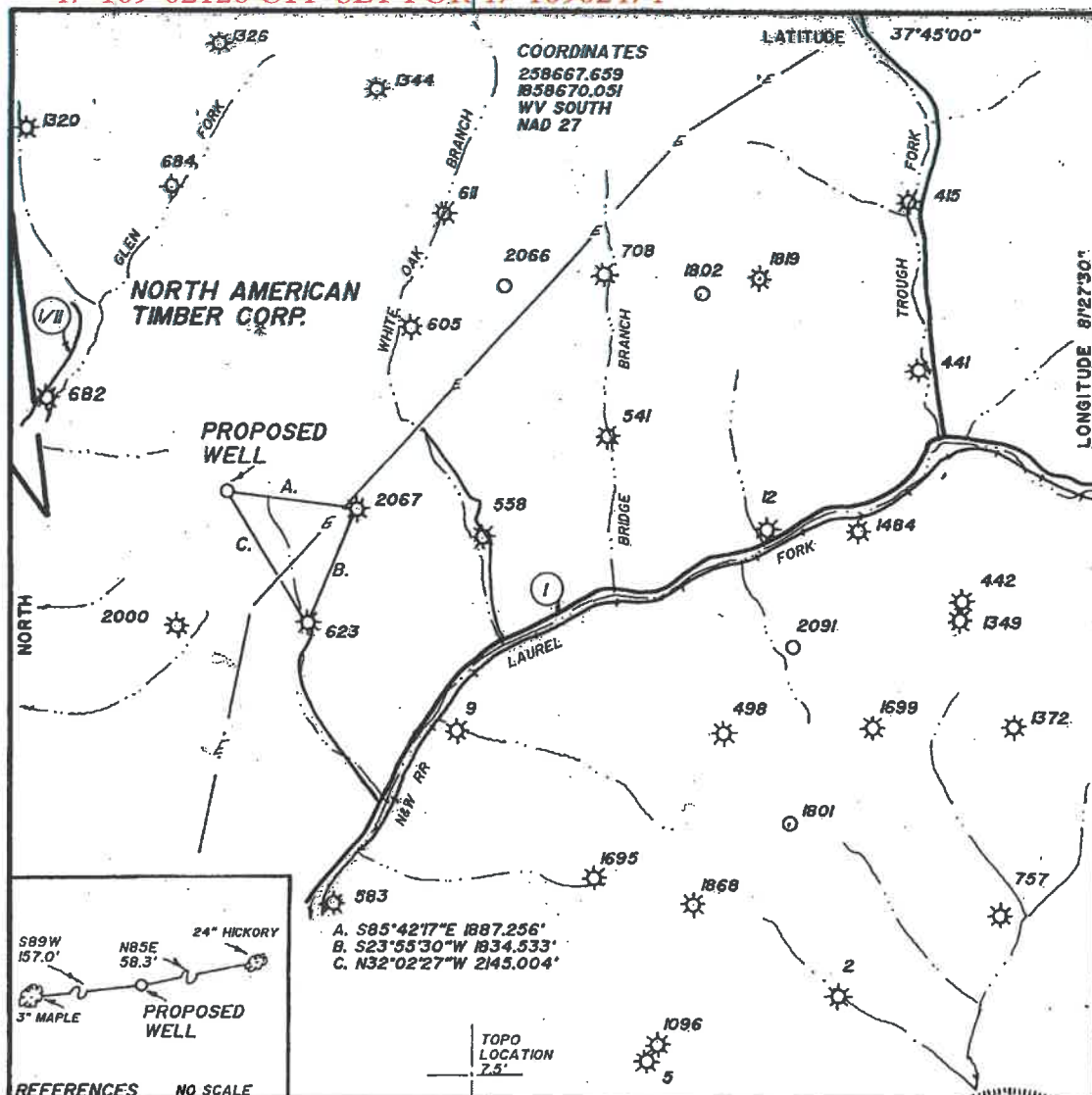
TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	<u>Size</u>	<u>Grade</u>	<u>Weight per ft</u>	<u>For Drilling</u>	<u>Left in Well</u>	<u>Fill-up (Cu. Ft.)</u>
Conductor	12 3/4	LS		20	20'	0
Fresh Water						
Coal	7	LS	17	990	990	150
Intermediate						
Production	4 1/2	M65	9 1/2	3820	3820	300
Tubing						
Liners						

CT5
GCS
11-15-04

Packers: Kind
 Sizes:
 Depths Set



07/03/2026



REFERENCES NO SCALE

FILE NO. _____

DRAWING NO. _____

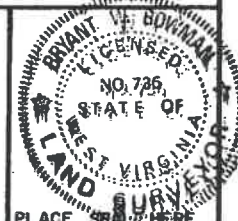
SCALE 1"=2000'

MINIMUM DEGREE OF
ACCURACY 1/7500PROVEN SOURCE OF
ELEVATION BM 1786 NEAR GLEN
ROGERS HIGH SCHOOL ELE. 1786

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
MINES.

R.P.E. _____

L.L.S. 736



PLACE SEAL HERE

(+)-DENOTES LOCATION OF
WELL ON UNITED STATES
TOPOGRAPHIC MAPS

FORM IV-6

(8-78)



DATE DECEMBER 13 20 01

OPERATOR'S WELL NO. WP-350

API WELL NO.

47-109-02126

STATE COUNTY PERMIT

Division of Environmental Protection
Office of Oil & Gas

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

LOCATION: ELEVATION 2354 WATER SHED UT OF LAUREL FORK
DISTRICT SLAB FORK COUNTY WYOMING

QUADRANGLE MCGRAW'S, WY 7.5'

SURFACE OWNER NORTH AMERICAN TIMBER CORPORATION ACRES 30000±

OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACRES 30000±

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 PENN. RVC. AL. & Weir ESTIMATED DEPTH 1900'

WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWEL

ADDRESS PO BOX 387 ADDRESS PO BOX 460

DUFFIELD, VA 24244-0387

RAVENCLIFF, WV 25933

CHARLESTON BLUEPRINT 082941

Charleston, WV

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WV Department of
Environmental Protection

07/03/2026

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

Well Operator's Report of Well Work

Farm Name North American Timber CorpOperator Well No.: WP-350LOCATION: Elevation: 2354Quadrangle: McGraws 7 1/2'District: Slab ForkCounty: WyomingLatitude: 14800 Feet South of 37 Deg. 45 Min. 00 Sec.Longitude: 8700 Feet West of 81 Deg. 27 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	12.75 "	20	20	0
Kingsport, TN 37660	7"	1209	1209	297
Agent: Harry Jewell	4.5"	3644	3644	376
Inspector: Ronald Scott				
Date Permit Issued: 01/30/2002				
Date Well Work Commenced: 02/03/2003				
Date Well Work Completed: 05/22/2003				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3,783				
Fresh Water Depth (ft):				
Salt Water Depth (ft):				
2800'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft):				
1050'-1053', 1129'-1133', 1414'-1416'				

OPEN FLOW DATA

Producing formation Princeton(1815-1825), Ravenduff (1960-1974), Big Lime (3023-3 Pay zone depth (ft) _____Gas: Initial open flow Trace MCF/d Oil: Initial open flow 0 Bbl/dFinal open flow 606 MCF/d Final open flow 0 Bbl/dTime of open flow between initial and final tests: 4 HoursStatic rock pressure 200 psig (surface pressure) after 72 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:

By: William M. RyanDate: 1/27/04

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Office of Chief
JAN 29 2004
WV Department of
Environmental Protection

07/03/2026

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

1st Stage-Weir-Perforated from 3548' to 3558' with 30 holes. Treated with 429 BW, 92.6 MSCF N2 and 32300 lbs 20/40 sand. ISIP: 1850 psi. ATP: 810 psi. ATR: 22 BPM.

2nd Stage-Big Lime (Union)-Perforated from 3023' to 3027' with 8 holes and from 3038'-3044' with 12 holes. Treated with 187 MSCF N2 and 3000 gallons 15% HCL acid. ISIP: 2110 psi. ATP: 2200 psi. ATR: 20 BPM.

3rd Stage-Ravenclyff-Perforated from 1960' to 1964' with 8 holes and from 1968' to 1974' with 12 holes. Treated with 195 BW, 375 MSCF N2 and 40900 lbs 20/40 sand. ISIP: 2250 psi. ATP: 2560 psi. ATR: 20 BPM.

4th Stage-Princeton-Perforated from 1815' to 1825' with 20 holes. Treated with 194 BW, 368.8 MSCF N2 and 41000 lbs 20/40 sand. ISIP: 1925 psi. ATP: 2458 psi. ATR: 20 BPM.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand, Shale, & Coals	0	1416	
Sand & Shale	1416	1622	
Shale	1622	1800	
Princeton Sand	1800	1860	
Sand & Shale	1860	1947	
Ravenclyff Sand	1947	1978	
Shale	1978	1990	
Avis Limestone	1990	2028	
Shale & Redrock	2028	2334	
Sand, Shale, & Redrock	2334	2693	
Sand	2693	2774	Wet
Shale	2774	2785	
Little Lime	2785	2852	
Shale & Lime	2852	2880	
Big Lime	2880	3318	
Shale	3318	3520	
Weir Sandstone	3520	3564	
Shale	3564	TD	Trace of Gas @ TD

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Office of Oil and Gas

MAY 19 2026

WV Department of
Environmental Protection

07/03/2026

Form: WW-2B

109-02126

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Penn Virginia Oil & Gas Corporation

<u>Wyoming</u>	<u>Slab Fork</u>	<u>McGraws 7 1/2'</u>
Operator ID	County	District
		Quadrangle

2) Operator's Well Number: WP-3503) Elevation 23544) Well Type: (a) Oil or Gas X(b) If Gas: Production X / Underground Storage
Deep / Shallow 5) Proposed Target Formation(s): Princeton, Ravenscliff, Big Lime, & Weir6) Proposed Total Depth: 3900 Feet7) Approximate fresh water strata depths: 8) Approximate salt water depths: 9) Approximate coal seam depths: 920' & 1140'10) Does land contain coal seams tributary to active mine? Yes11) Describe proposed well work: Drill and complete new well12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS		FOOTAGE		INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor	13 3/8"	LS	37	30'	30'	0
Fresh Water	7"	LS	17	1200'	1200'	180
Coal	7"	LS	17	1200'	1200'	180
Intermediate						
Production	4 1/2"	M65	9.5	3680'	3680'	260
Tubing						
Liners						

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 WV Department of
 Environmental Protection

 Packers: Kind
 Sizes:
 Depths Set

07/03/2026



DIVERSIFIED
energy

Date: 5/6/2026

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

Mr. Harmon,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOE will be utilizing Class L cement to plug the following well:

API Number 4710902474 Well Name The Forest Land Group WP-371R

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

Sincerely,

Diversified Energy Permitting Department

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Office of Oil and Gas
MAY 19 2026
WV Department of
Environmental Protection

07/03/2026



west virginia department of environmental protection

Office of Oil and Gas
601 57th 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**

**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.

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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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1) Date: 5/6/2026
2) Operator's Well Number The Forest Land Group WP-371R

3) API Well No.: 47 - 109 - 02474

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 II, LLC c/o The Lime Timber Company, LP</u>	Name <u>Not Currently Operated</u>
Address <u>23 S. Main St.</u>	Address _____
<u>Hanover, NH 03755</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>West Virginia MID VOL. INC.</u>
_____	Address <u>836 Euclid Ave.</u>
_____	<u>Lexington, KY 40502</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>Mountain Eagle Land, LLC</u>
<u>Holden, WV 25625</u>	Address <u>836 Euclid Ave.</u>
Telephone <u>(304) 541-0079</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	<u>Diversified Production, LLC</u>
By:	<u>Chris Veazey</u>
Its:	<u>Director of Administration</u>
Address	<u>414 Summers Street</u>
	<u>Charleston, WV 25301</u>
Telephone	<u>304-590-7707</u>

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Subscribed and sworn before me this 6th day of May, 2026
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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Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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LYME MOUNTAINEER TIMBERLANDS II, LLC
C/O THE LYME TIMBER COMPANY, LP
23 S MAIN ST STE 3A
HANOVER NH 03755-2075

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

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MOUNTAIN EAGLE LAND LLC
836 EUCLID AVE
LEXINGTON KY 40502-1783

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

USPS CERTIFIED MAIL™



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

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SURFACE OWNER WAIVER

Operator's Well
Number

The Forest Land Group WP-371R

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,

_____	Date	_____	Name
Signature		By	_____
		Its	_____
			Date

Signature

Date

07/03/2026

WW-4B

API No.	4710902474
Farm Name	The Forest Land Group
Well No.	The Forest Land Group WP-371R

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 _____

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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) Laurel Fork Quadrangle McGraws 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 fluids 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 Any fluids not used on site will be recycled at an approved facility and noted in the WR-34 Submission

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 _____

Company Official (Typed Name) Chris Veazey

Company Official Title Director of Administration



Subscribed and sworn before me this 10th day of May, 20 26

Notary Public

My commission expires September 28, 2028

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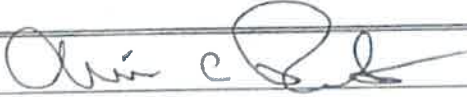
Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac Prevegetation pH N/ALine 3 Tons/acre or to correct to pH 6.5Fertilizer type 10-20-20 or EquivalentFertilizer amount 500 lbs/acreMulch 2 Tons/acreSeed MixturesTemporaryPermanent

Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	<u>40</u>	Red Fescue	<u>15</u>
Alsike	<u>5</u>	Alsike Clover	<u>5</u>
Annual Rye	<u>15</u>		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Comments: Operator to cover with cement all oil and gas
formations including Salt, Coals and LigniteRECEIVED
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Field Reviewed?

☒ Yes☐ No

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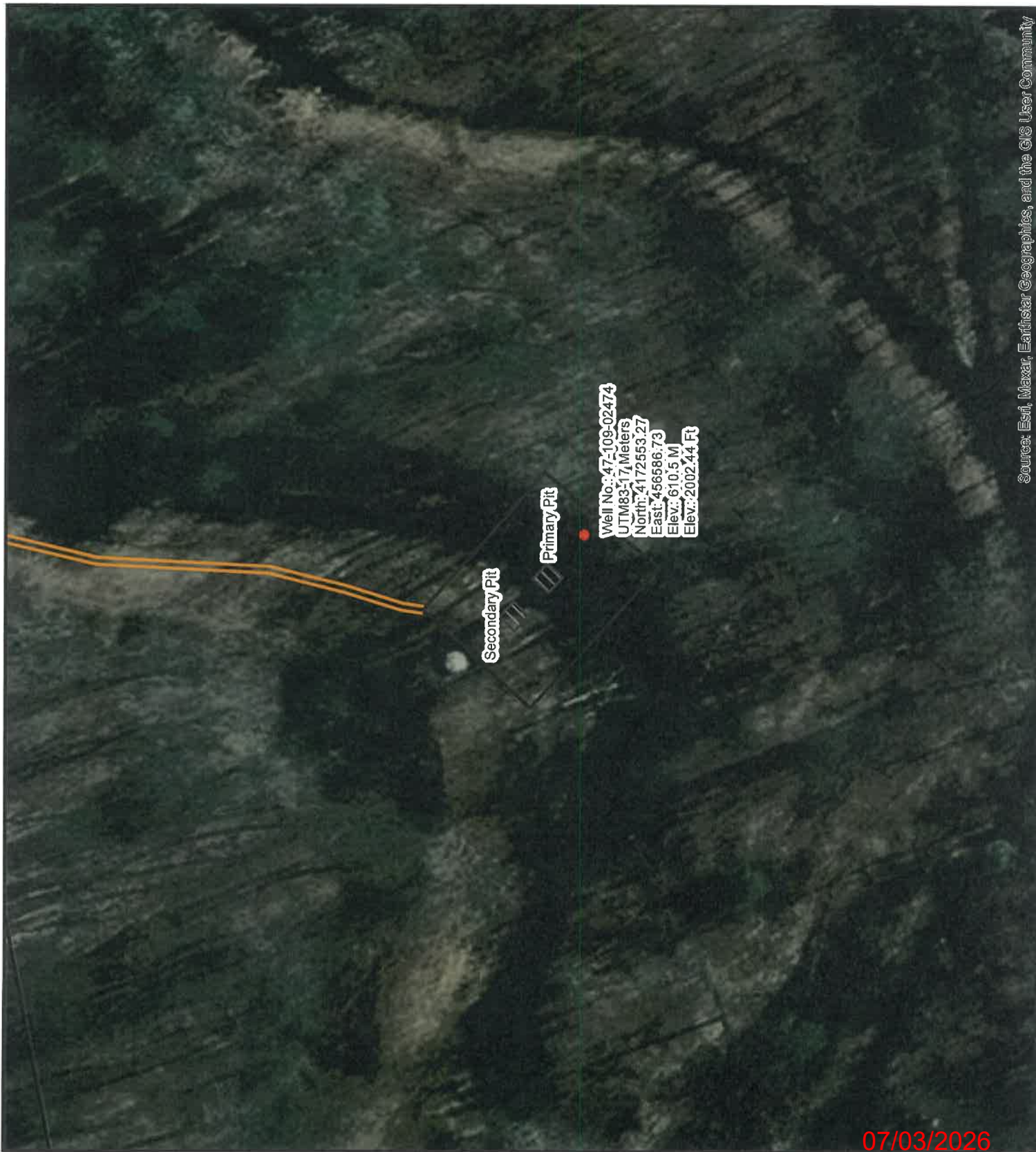
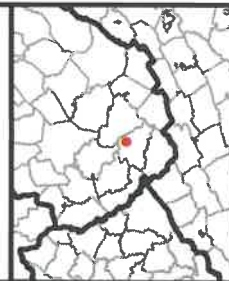
Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville KY, 41051

47-109-02474

Well Plugging Map

Legend

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



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

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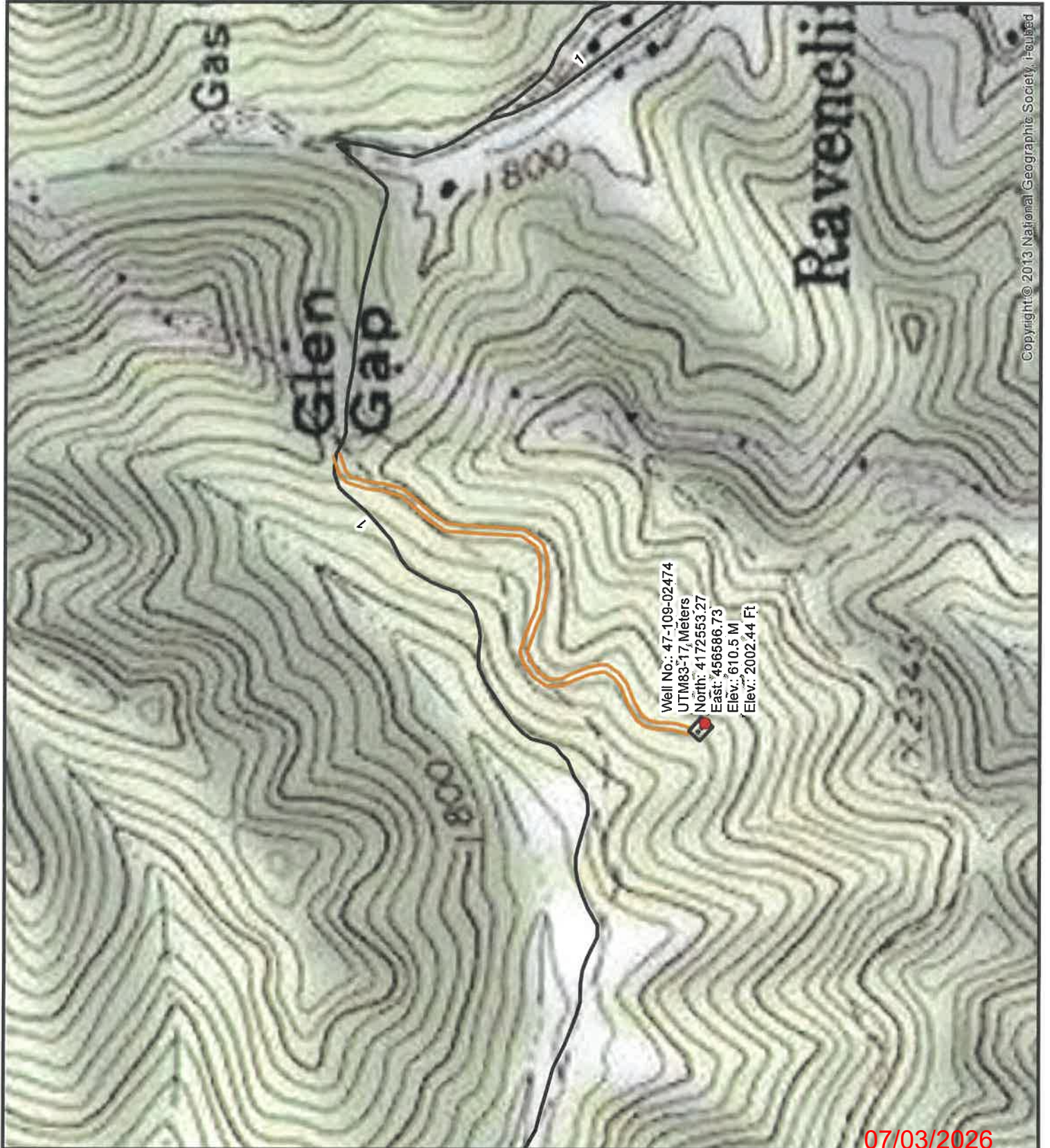
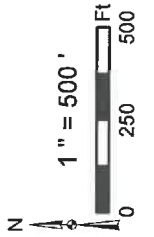
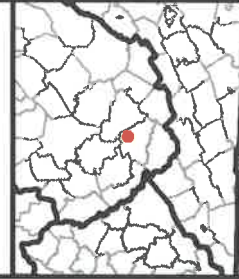
Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville KY, 41051

47-109-02474

Well Plugging Map

Legend

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



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WW-7
8-30-06



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

API: 4710902474 WELL NO.: The Forest Land Group WP-371R
FARM NAME: The Forest Land Group
RESPONSIBLE PARTY NAME: Diversified Production, LLC
COUNTY: Wyoming DISTRICT: Slab Fork
QUADRANGLE: McGraws 7.5'
SURFACE OWNER: Lyme Mountaineer Timberlands II, LLC c/o The Lime Timber Company, LP
ROYALTY OWNER: Penn Virginia Oil & Gas Corp.
UTM GPS NORTHING: 4172553.27
UTM GPS EASTING: 456586.73 GPS ELEVATION: 2002.44'

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:

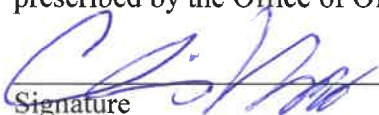
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____ : Post Processed Differential ____
Real-Time Differential ____

Mapping Grade GPS X : Post Processed Differential X
Real-Time Differential ____

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

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


Signature

Chris Veazey - Director of Administration
Title

5/6/2026
Date

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11/10/2016

PLUGGING PERMIT CHECKLIST
4710902474

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

plugging permits issued 4710902474 01758

1 message

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

Fri, Jun 26, 2026 at 9:56 AM

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

To whom it may concern, plugging permits have been issued for 4710902474 01758.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

2 attachments **4710902474.pdf**
2022K **4710901758.pdf**
1590K

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