



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

Wednesday, April 9, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 1
47-109-00919-00-00

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: GRAYBEAL, CARL & THOMAS
U.S. WELL NUMBER: 47-109-00919-00-00
Vertical Plugging
Date Issued: 4/9/2025

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.

1) Date January 9, 20 25
2) Operator's
Well No. GRAYBEAL CARL THOMAS 1
3) API Well No. 47-109 -00919

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 1316.87' Watershed Indian Creek of Guyandotte River
District Center County Wyoming Quadrangle Pineville 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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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector

Date

3-23-25

04/11/2025

Plugging Prognosis

API #: 47-109-00919

West Virginia, Wyoming County

Lat/Long - 37.537716, -81.596829

Nearest ER: Welch Community Hospital - Emergency Room - 454 McDowell St, Welch, WV 24801

Casing Schedule

Conductor Unknown Diameter @ 30' - Cementing Information Unknown - Possibly Pulled Already
8-5/8" @ 904' - CTS

4-1/2" @ 2850' - Cemented w/ 285 sks - ETOC @ 1389' using 7-7/8" O.H. & 1.18 yield - Previous
Cabot plugging plan said TOC was @ 943' - They may have had a well file stating this?
TD @ 2850'

Original Completion: Big Lime - 2382'-2385' - Acid Frac w/ 122 bbls

Maxton - 1828'-1843' - 100 sks 80/100, 300 sks 20/40

Recomplete: Well was plugged back w/ a CIBP @ 1780' w/ 30' of cement on top of CIBP. TOC @ 1750'.

Completed the Ravencliff w/ perforations @ 1170'-1202' & 1214'-1233'. 500sks & 654 bbl
in upper zone and 300 sks & 452 bbls in lower zone.

Fresh Water: 130'

Salt Water: 330'

Gas Shows: None Reported

Oil Shows: None Reported

Coal: 145'-147'

Elevation: 1278'

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. TIH w/ tbg to 1750'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 100' Class L/Class A cement plug from 1750' to 1650' (Bottomhole Plug). Approximately 8 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
6. Free point 4-1/2" csg. Cut and TOO H. 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 19 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Can be combined with Elevation, Ravencliff Completion, & 8-5/8" Csg Shoe Plugs if feasible.
7. TOO H w/ tbg to 1328'. Pump 228' Class L/Class A cement plug from 1328' to 1100' (Elevation & Completion Plug - Ravencliff). Approximately 19 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Can be combined with 4-1/2" Csg Cut Plug & 8-5/8" Csg Shoe Plugs if feasible.
8. TOO H w/ tbg to 954'. Pump 100' Class L/Class A cement plug from 954' to 854' (8-5/8" Csg Shoe plug). Approximately 31 sks @ 1.14 yield. Do not omit any plugs listed below. Perforate as needed. Can be combined with 4-1/2" Csg Cut Plug, Elevation, & Ravencliff Completion Plugs if feasible.

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9. TOOH w/ tbg to 380'. Pump *Expanding Class L/Class A* cement plug from 380' to Surface (Salt Water, Coal, Fresh Water & Surface Plug). Top off as needed. *Perforate as needed.*

10. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

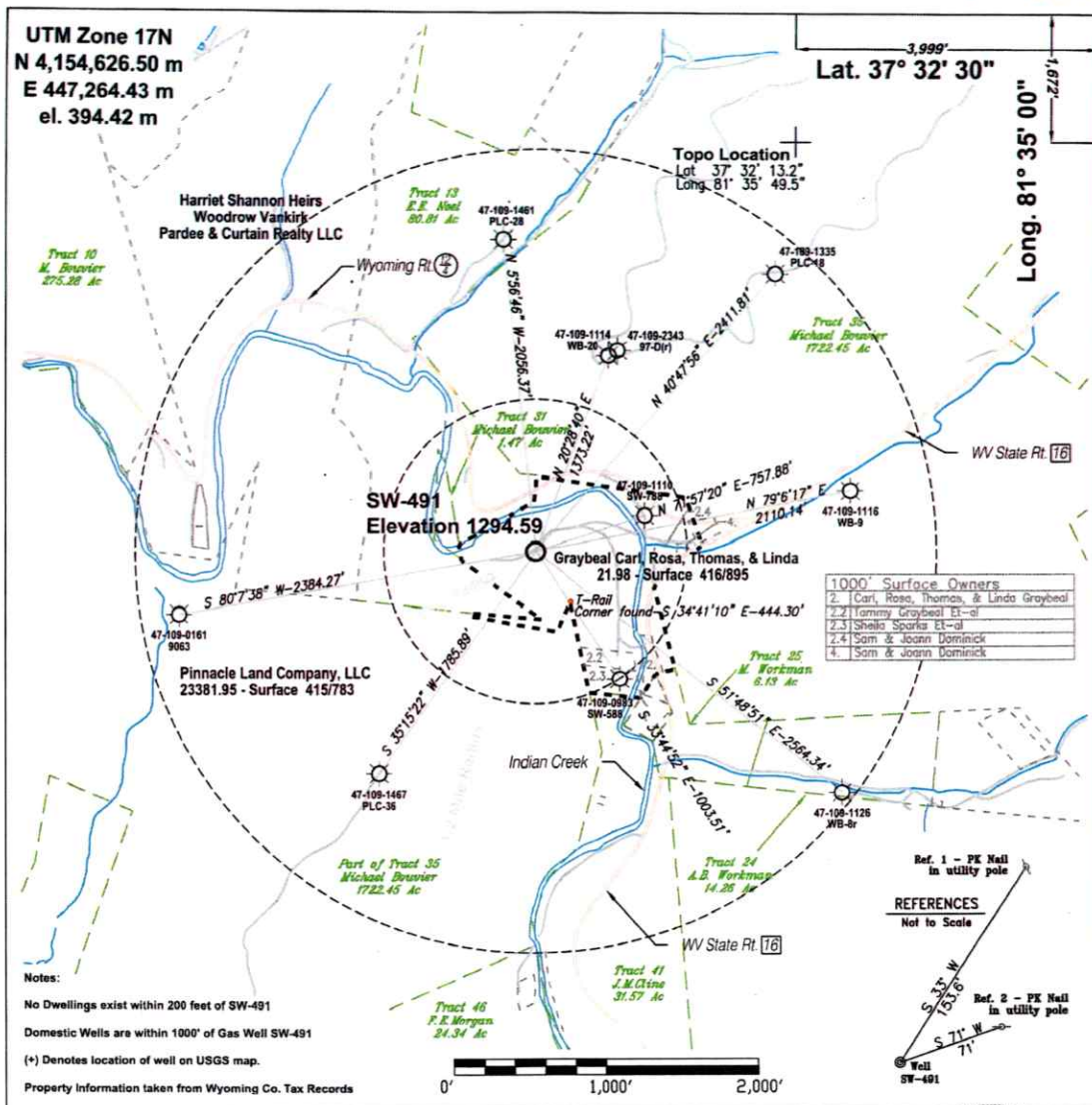
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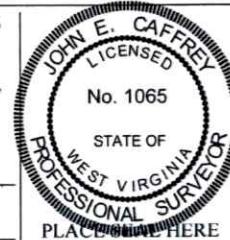
FILE #: \\station4\work\Cabot Oil & Gas\
DRAWING #: Cabot2014\SW-491\WW-6_SW491.dwg
SCALE: see barscale above
MINIMUM DEGREE OF ACCURACY: 1 part in 2500
PROVEN SOURCE OF ELEVATION: sub meter GPS location

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: _____

R.P.E.: _____

L.L.S.: 1065



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: November 20, 2014

OPERATOR'S WELL #: SW-491

API WELL #: 47 109 00919
STATE COUNTY PERMIT

Well Type: ☐ Oil ☐ Waste Disposal ☒ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: Indian Creek of the Guyandotte River

ELEVATION: 1,294.59

COUNTY/DISTRICT: 109-Wyoming / 3-Center

QUADRANGLE: 549 - PINEVILLE

SURFACE OWNER: Carl, Rosa, Thomas & Linda Graybeal

ACREAGE: 21.98

OIL & GAS ROYALTY OWNER: Carl, Rosa, Thomas & Linda Graybeal

ACREAGE: 21.98

DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐

PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☒

CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY): _____

TARGET FORMATION: Big Lime

ESTIMATED DEPTH: 2850

WELL OPERATOR Cabot Oil & Gas Corporation

DESIGNATED AGENT Whitney Johnson

Address Five Penn Center West, Suite 401

Address P.O. Box 450

City Pittsburgh

State PA

Zip Code 15276

City Glasgow

State WV

Zip Code 25068

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109009199

IV-35
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AUG 16 1984OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia

Department of Mines
Oil and Gas Division

Date August 14, 1984

Operator's

Well No. SW-491

Farm Carl Graybeal

API No. 47 - 109 - 0919 Frac
(Revised)WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow /)LOCATION: Elevation: 1278 Watershed Indian Creek
District: Center County Wyoming Quadrangle Pineville

COMPANY James F. Scott

ADDRESS P. O. Box 112, Salem, WV 26426

DESIGNATED AGENT Darrel Wright

ADDRESS P. O. Box 112, Salem, WV 26426

SURFACE OWNER Carl N. Graybeal et al

ADDRESS Wolf Pen, WV 24896

MINERAL RIGHTS OWNER Carl N. Graybeal et al

ADDRESS Wolf Pen, WV 24896

OIL AND GAS INSPECTOR FOR THIS WORK Arthur
St. Clair ADDRESS Brenton, WV 24818

PERMIT ISSUED 6-15-84

DRILLING COMMENCED 6-26-86

DRILLING COMPLETED 6-26-86

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	30'		
13-10"			
9 5/8			
8 5/8		904'	to surface
7			
5 1/2			
4 1/2		2850	285 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Lime Depth feet

Depth of completed well 2850 feet Rotary / Cable Tools

Water strata depth: Fresh 130 feet; Salt 330 feet

Coal seam depths: 145-147 Is coal being mined in the area? yes

OPEN FLOW DATA

Big Lime and Maxton abandoned

1214-1233

Producing formation Ravenscliff

Pay zone depth 1220-1202 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Mcf/d

Final open flow 1007 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 295# psig(surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig(surface measurement) after hours shut in

(Continue on reverse if)

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

		1170-1202		500	sks	654	BBL
Ravenclyff	Perfs:	1214-1233	20/40 sand	300	sks	452	BBL

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fire and salt water, coal, oil and c
Overburden			0	40	
Sandstone			40	120	
Shale			120	145	
Coal			145	147	
Shale			147	180	
Sandstone			180	225	
Shale			225	440	
Sandstone			440	525	
Shale			525	723	
Sandstone			723	828	
Shale			828	838	
Sandstone			838	905	
Shale			905	1095	
Sandstone			1095	1232	
Shale			1232	1260	
Limestone			1260	1290	
Shale			1290	1355	
Sandstone			1355	1580	
Shale			1580	1595	
Sandstone			1595	1758	
Shale			1758	1789	
Sandstone			1789	1845	
Shale			1845	1980	
Sand & Shale			1980	2080	
Shale			2080	2160	
Lime			2160	2210	
Shale			2210	2260	
Lime			2260	2730	
Shale			2730	2850TD	
Electric Log Tops					
Salt Sand			723	828	
Princeton			838	905	
Ravenclyff			1145	1232	
Avis Lime			1260	1290	
Maxton			1355	1580	
Maxton			1789	1845	
Little Lime			2160	2210	
Big Lime			2290	2780	

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CCT 06 2015

~~James F. Scott~~
~~Well Operator~~ ~~U.S. Department of~~
~~Environmental Protection~~

By: am
Date: 8/14/84

Note: Regulation 2.02(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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IV-35
(Rev 8-81)

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MAR 1 2 1984

OIL & GAS DIVISION

DEPT. OF MINES

State of West Virginia

Department of Mines

Oil and Gas Division

Date February 17, 1984

Operator's

Well No. SW-491

Farm Carl Graybeal

API No. 47 - 109 - 0919

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production x / Underground Storage / Deep / Shallow /)LOCATION: Elevation: 1278 Watershed Indian Creek
District: Center County Wyoming Quadrangle Pineville

COMPANY James F. Scott
 ADDRESS P. O. Box 112, Salem, WV 26426
 DESIGNATED AGENT Darrel Wright
 ADDRESS P. O. Box 112, Salem, WV 26426
 SURFACE OWNER Carl N. Graybeal et al
 ADDRESS Wolf Pen, WV 24896
 MINERAL RIGHTS OWNER Carl N. Graybeal
 ADDRESS Wolf Pen, WV 24896
 OIL AND GAS INSPECTOR FOR THIS WORK
 ADDRESS
 PERMIT ISSUED 11/9/83
 DRILLING COMMENCED 12/1/83
 DRILLING COMPLETED 12/7/83

IF APPLICABLE: PLUGGING OF DRY HOLE ON
 CONTINUOUS PROGRESSION FROM DRILLING OR
 REWORKING. VERBAL PERMISSION OBTAINED
 ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	30'		
13-10"			
9 5/8			
8 5/8		904'	to surface
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

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GEOLOGICAL TARGET FORMATION Big Lime Depth 1828-1843 feet
 Depth of completed well 2850 feet Rotary / Cable Tools
 Water strata depth: Fresh 130,330 feet; Salt feet
 Coal seam depths: 145-147 Is coal being mined in the area? yes

OPEN FLOW DATA

Producing formation Big Lime, Maxton Pay zone depth 2382-2385 feet
 Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
 Final open flow not enough Mcf/d Final open flow Bbl/d
 Time of open flow between initial and final tests hours
 Static rock pressure 300# psig (surface measurement) after hours shut in
 (If applicable due to multiple completion--)
 Second producing formation Pay zone depth feet
 Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
 Final open flow Mcf/d Oil: Final open flow Bbl/d
 Time of open flow between initial and final tests hours
 Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

04/11/2025

1) Date: 1/9/2025
2) Operator's Well Number GRAYBEAL CARL THOMAS 1

3) API Well No.: 47 - 109 - 00919

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

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Carl N. & Rosa Graybeal c/o James R. Cook</u> Address <u>PO Box 813</u> <u>Pineville, WV 24874</u></p> <p>(b) Name <u>Thomas L. & Linda Graybeal c/o James R. Cook</u> Address <u>PO Box 813</u> <u>Pineville, WV 24874</u></p> <p>(c) Name _____ Address _____</p> <p>6) Inspector <u>Christian Porter</u> Address <u>PO Box 181</u> <u>Holden, WV 25625</u> Telephone <u>(304) 541-0079</u></p>	<p>5) (a) Coal Operator</p> <p>Name <u>Pinnacle Land Company, LLC</u> Address <u>PO Box 338</u> <u>Pineville, WV 24874</u></p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>WPP, LLC</u> Address <u>5260 Irwin Rd.</u> <u>Huntington, WV 25705</u></p> <p>Name <u>Bluestone Resources, Inc.</u> Address <u>302 S. Jefferson St. Ste 500</u> <u>Roanoke, VA 24011</u></p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>Pinnacle Land Company, LLC</u> Address <u>PO Box 338</u> <u>Pineville, WV 24874</u></p>
---	---

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>	<div style="border: 1px solid black; padding: 5px; display: inline-block;">RECEIVED Office of Oil and Gas MAR 24 2025 WV Department of Environmental Protection</div>
By:	<u>Austin Sutler</u> <i>[Signature]</i>	
Its:	<u>Manager Plugging Operations</u>	
Address	<u>414 Summers Street</u> <u>Charleston, WV 25301</u>	
Telephone	<u>304-590-7707</u>	

Subscribed and sworn before me this 9th day of January, 2025
[Signature] 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.

04/11/2025

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

US POSTAGE AND FEES PAID
2025-01-09
25301
C4000004
Retail
4.0 OZ FLAT
easypost
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CARL N & ROSA GRAYBEAL
C/O JAMES R COOK
PO BOX 813
PINEVILLE WV 24874-0813

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THOMAS L & LINDA GRAYBEAL
C/O JAMES R COOK
PO BOX 813
PINEVILLE WV 24874-0813

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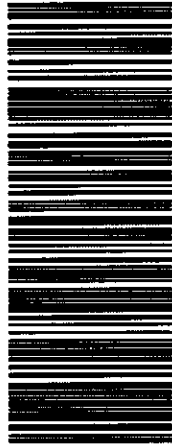
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Diversified Gas & Oil Corporation
Permitting Department
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WPP LLC
175 IRWIN RD
HUNTINGTON WV 25705-7922

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1/9/25, 12:15 PM

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BLUESTONE RESOURCES LLC
302 S JEFFERSON ST STE 500
ROANOKE VA 24011-1711

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1/9/25, 12:16 PM

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Permitting Department
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2ND. FLOOR
CHARLESTON WV 25301

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25301
C4000004
Retail
4.0 OZ FLAT
easypost
0901000010744

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PINNACLE LAND COMPANY LLC
PO BOX 338
PINEVILLE WV 24874-0338

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04/11/2025

1/9/25, 12:17 PM

WW-9
(5/16)

API Number 47 - 109 - 00919
Operator's Well No. GRAYBEAL CARL THOMAS 1

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) Indian Creek of Guyandotte River Quadrangle Pineville 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 Justin Suttle

Company Official (Typed Name) Austin Suttle

Company Official Title Manager Plugging Operations



Subscribed and sworn before me this 9th day of January, 2025

Notary Public

My commission expires September 28, 2025

04/11/2025

Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac. Prevegetation pH N/ALime 3 Tons/acre or to correct to pH 6.5Fertilizer type 10-20-20 or EquivalentFertilizer amount 500 lbs/acreMulch 2 Tons/acreSeed 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]Comments: Operator to cover with Ecomax all oil & gas
formation including Salt, claystone, pebbles at FreshwaterRECEIVED
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Arkansas Department of
Environmental ProtectionTitle: InspectorDate: 3-2-25

Field Reviewed?



Yes



No

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DIVERSIFIED
energy

Date: 1/9/2025

James Martin
Office of Oil and Gas
601 57th 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:

API Number 4710900919 Well Name GRAYBEAL CARL THOMAS 1

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
MAR 24 2025
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) 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)
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-13

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.

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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.

04/11/2025

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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WV Department of
Environmental Protection

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

47-109-00919

Well Plugging Map

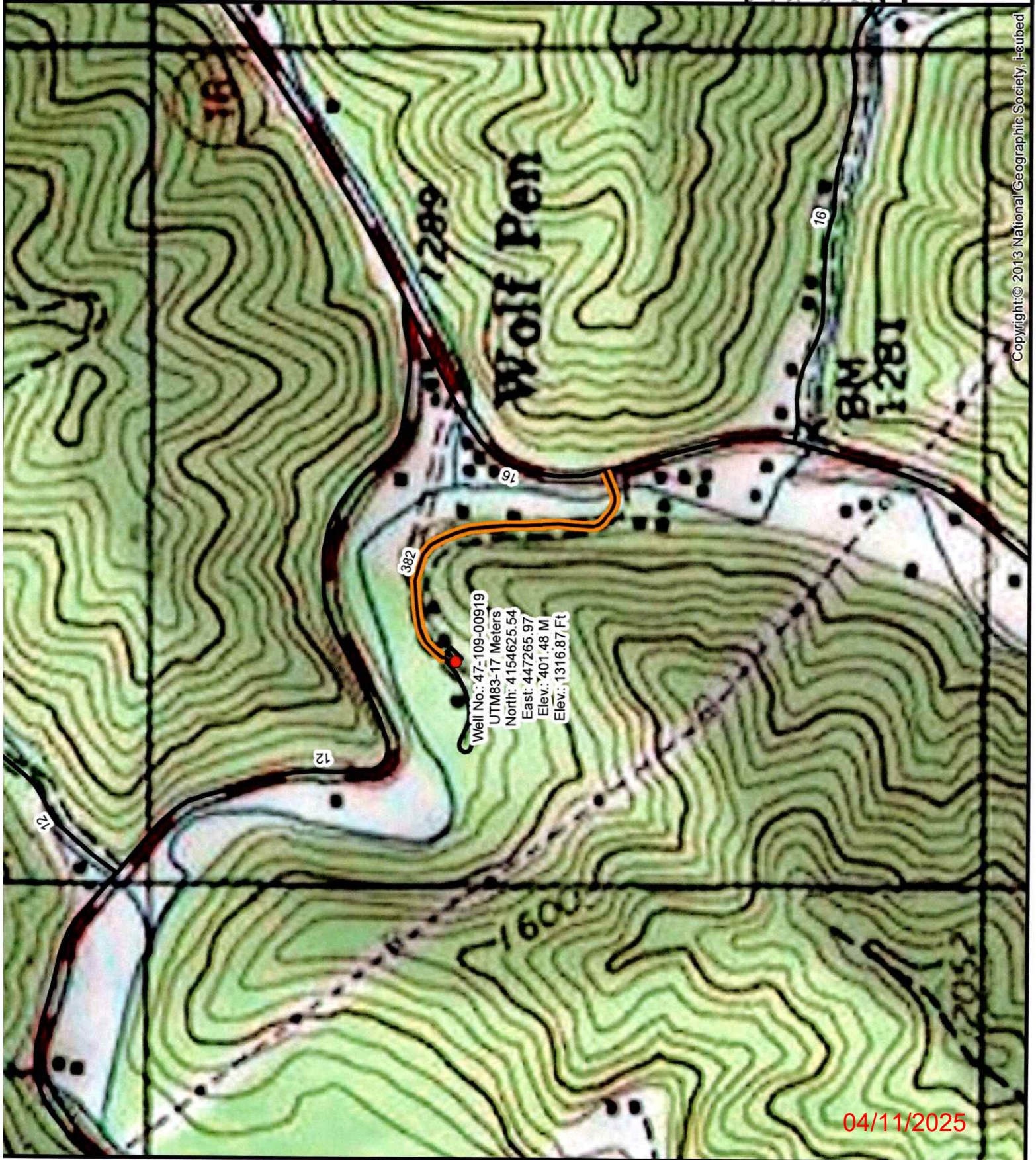
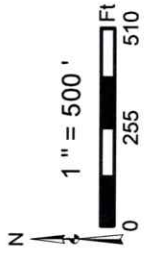
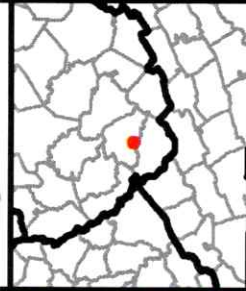
Legend

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

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Well No.: 47-109-00919
UTM83-17 Meters
North: 4154625.54
East: 447265.97
Elev.: 401.48 M
Elev.: 1316.87 Ft

04/11/2025



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

47-109-00919

Well Plugging Map

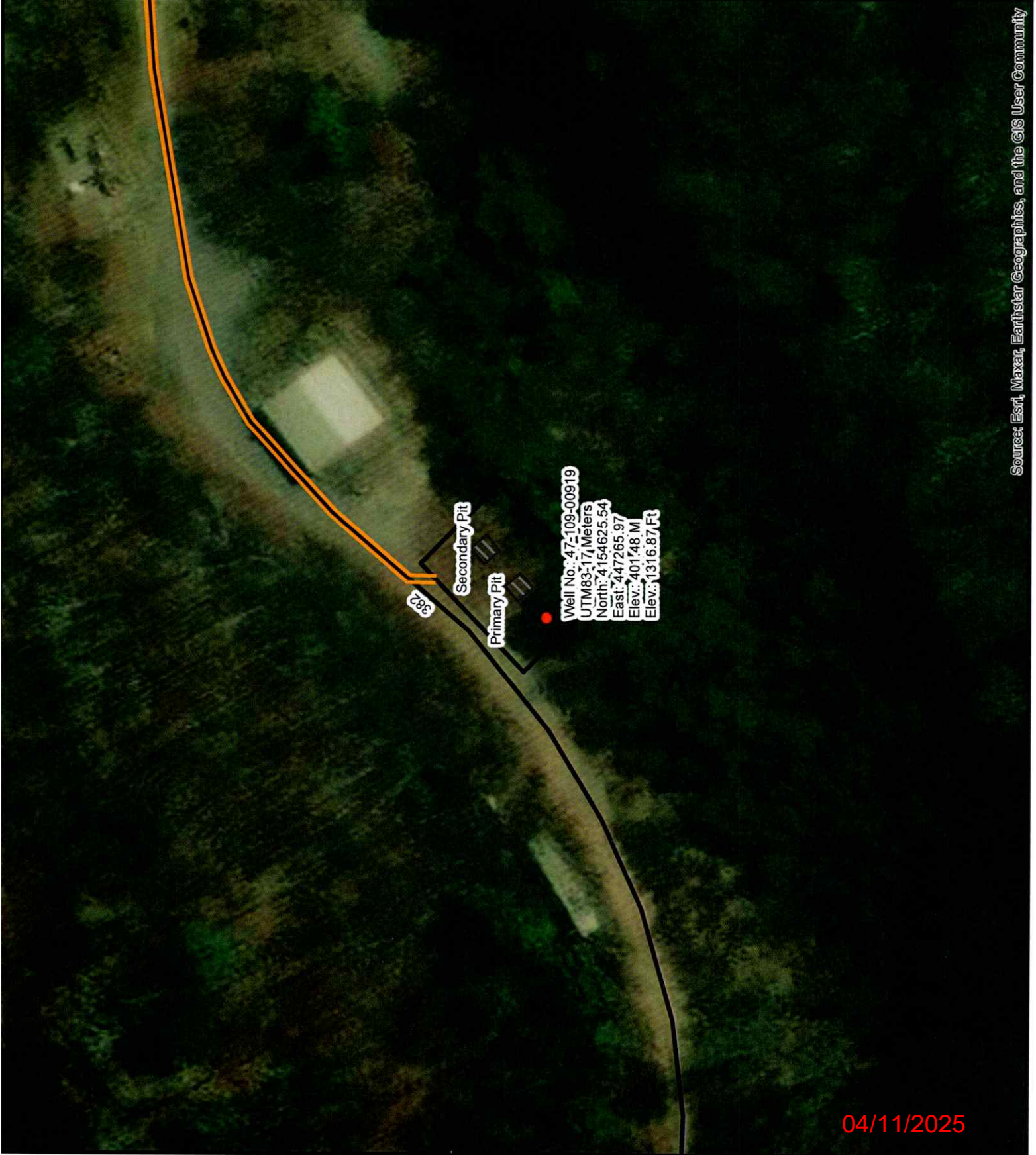
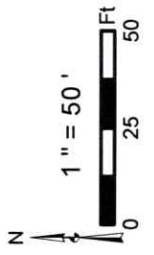
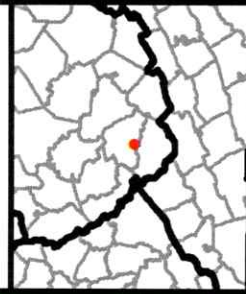
Legend

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

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

04/11/2025

WW-7
8-30-06



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

API: 4710900919 WELL NO.: GRAYBEAL CARL THOMAS 1
FARM NAME: Graybeal, Carl & Thomas
RESPONSIBLE PARTY NAME: Diversified Production, LLC
COUNTY: Wyoming DISTRICT: Center
QUADRANGLE: Pineville 7.5'
SURFACE OWNER: Carl N. & Rosa Graybeal c/o James R. Cook
ROYALTY OWNER: Carl N. Graybeal
UTM GPS NORTHING: 4154625.54
UTM GPS EASTING: 447265.97 GPS ELEVATION: 1316.87'

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:

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

Austin Sutler - Manager Plugging Operations

Title

1/9/25

Date

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WW-4B

API No. 4710900919
Farm Name Graybeal, Carl & Thomas
Well No. GRAYBEAL CARL THOMAS 1

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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SURFACE OWNER WAIVER

Operator's Well
Number

4710900919

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

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Environmental Protection

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
04/11/2025

11/10/2016

PLUGGING PERMIT CHECKLIST
4710900919

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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04/11/2025



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

plugging permit issued 4710900919

1 message

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

Wed, Apr 9, 2025 at 9:47 AM

To: Nicholas Bumgardner <nbumgardner@dgoc.com>, Chris Veazey <CVeazey@dgoc.com>, scook@wvassessor.com, Alvis C Porter <alvis.c.porter@wv.gov>

To whom it may concern, a plugging permit has been issued for 4710900919.

James Kennedy

WVDEP OOG



4710900919.pdf

2896K

04/11/2025



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

plugging permit issued 4710900919

1 message

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