



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, July 30, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for CNR FEE 1
47-099-01894-00-00

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

A handwritten signature in blue ink, appearing to read "James A. Martin", is written over a blue circular stamp.

Operator's Well Number:
Farm Name: CASSIDY, LEONARD
U.S. WELL NUMBER: 47-099-01894-00-00
Vertical Plugging
Date Issued: 7/30/2025

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.

JUN 26 2025

WV Department of
Environmental Protection

1) Date June 3, 2025
2) Operator's
Well No. CASSIDY LEONARD CNR FEE 1
3) API Well No. 47-099-01894

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 911.71' Watershed Sycamore Branch of Twelvepole Creek
District Butler County Wayne Quadrangle Wayne 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 Brian Warden Name Next LVL Energy (Diversified Owned)
Address 49 Elk Creek Rd. Address 104 Helliport Loop Rd
Delbarton, WV 25670 Bridgeport, WV 25330

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

See Attached

*Order to cover all
G&P Oil salt fresh water, coal
element with cement*

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

Work order approved by inspector



Date

6-24-25

08/01/2025

JUN 26 2025

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Plugging Prognosis – KNOWN H2S WELL

API #: 45-099-01894

West Virginia, Wayne County

Lat/Long – 38.133251, -82.457671

Nearest ER: Three Rivers Medical Center Emergency Department – 2485 KY-644 Louisa, KY 41230

Casing Schedule

16" @ 40' – Cementing Information Unknown

9-5/8" @ 646' – CTS w/ 220 sks Class A

7" @ 1804' – Cemented w/ 80 sks Class A – ETOC @ 1273' using 1.18 yield and 8-3/4" Hole

2-7/8" @ 4060' – 160 sks DS Cement – ETOC @ 3108' using 1.15 yield and 6-1/4" Hole, TOC from reports @ 3158'

TD @ 4146' – LTD after cementing 2-7/8" was 4028'

Completion: Big Six – 3976'-3996' – 500 gal 15% HCL, 8000 gal 15% HCL, 28,000 scf N2

Wireline tools in hole pushed to bottom @ 4027'.

Notes in file stating H2S @ 300 ppm approximately 3 days post treatment. Production Department measured H2S @ 410 ppm.

Fresh Water: 80'

Saltwater: 1070'

Gas Shows: None Reported

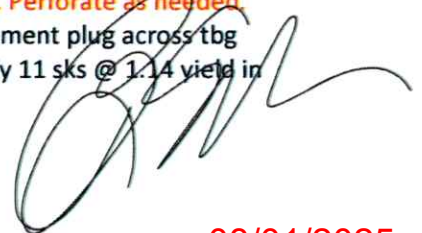
Oil Shows: None Reported

Coal: None Reported

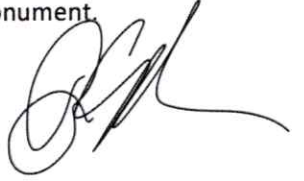
Open Mine: None Reported

Elevation: 955.74'

105, 462, 538

- 
1. Notify Inspector Brian Warden @ 304-205-3229, 48 hrs prior to commencing operations.
 2. Blow down well into pipeline, pump water w/ H2S Scavenger down well to kill.
 3. Maintain sufficient volume of water and H2S Scavenger on location to kill well if necessary.
 4. MIRU service rig, ancillary equipment, and all H2S monitoring and safety equipment.
 5. Check and record pressures on csg/tbg. Kill well as necessary with fresh water or brine water. Use H2S Scavenger in kill water.
 6. Check TD w/ sandline/tbg.
 7. TOOH w/ any rods and/or tbg in well.
 8. Pump 6% Bentonite gel between each plug.
 9. RIH w/ wireline and set CIBP between collars @ approximately 3956'. Ensure lubricator is long enough to pull out of well and shut in.
 10. TIH w/ tbg to CIBP @ approximately 3956'. Pump 200' **Latex Class L/Class A** cement plug from 3956' to 3756' (Completion – Big Six Plug). Approximately 6 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
 11. Free point 2-7/8" tbg. Cut and TOOH. Set 100' Class L/Class A cement plug across tbg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Approximately 11 sks @ 1.14 yield in
- 

08/01/2025

- 6-1/4" hole. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
12. TOOH w/ tbg to 1854'. Pump 100' Class L/Class A cement plug from 1854' to 1754' (7" Csg Shoe Plug). Approximately 20 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
 13. Free point 7" csg. Cut and TOOH. Set 100' Class L/Class A cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Approximately 29 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Can set with below Saltwater and Elevation Plug if operationally necessary/feasible.
 14. TOOH w/ tbg to 1120'. Pump 214' Class L/Class A cement plug from 1120' to 906' (Saltwater & Elevation Plug). Approximately 79 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Can set with above 7" Csg Cut Plug if operationally necessary/feasible.
 15. TOOH w/ tbg to 696'. Pump 100' Class L/Class A cement plug from 696' to ~~255'~~ ^{SURFACE} (9-5/8" Csg Shoe Plug). Approximately 38 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. *with Elevation Cement*
 16. TOOH w/ tbg to 130'. Pump 130' Class L/Class A cement plug from ~~130' to Surface~~ (Freshwater, 16" Csg Shoe, & Surface Plug). Approximately 51 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
 17. Reclaim location and well road to WVDEP specifications and erect P&A well monument.
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WR-35

Date: 09-Jul-96
API # 47-099-01894State of West Virginia
Division of Environmental Protection
Section of Oil and GasRECEIVED
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Well Operator's Report of Well Work

JUN 26 2025

Farm name: Cassidy, Leonard

Operator Well No.:

WV Department of
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LOCATION: Elevation: 955.74

Quadrangle:

Wayne

District: Butler

County:

Wayne

Latitude: 12100 Feet South of 38 Deg. 10 Min. 0 Sec.

Longitude: 11850 Feet West of 82 Deg. 25 Min. 0 Sec.

Company: Cabot Oil & Gas Corporation
400 Fairway Drive: Suite 400
Coraopolis, PA 15108-4308

Agent: John W. Abshire

Inspector: Richard Campbell

Permit Issued: 07/09/96

Well Work Commenced: 09/24/96

Well Work Completed: 10/19/96

Verbal Plugging

Permission granted on:

Rotary X Cable Rig

Total Depth (feet) 4146'

Fresh Water Depths (ft) 80'

Salt Water Depths (ft) 1070'

Is coal being mined in area (Y / N)?

Coal Depths (ft)

OPEN FLOW DATA

Producing formation	Big Six	Pay zone depth (ft)	3976' - 3996'
Gas: Initial open flow	315 MCF/d	Oil: Initial open flow	N/A Bbl/d
Final open flow	481 MCF/d	Final open flow	N/A Bbl/d
Time of open flow between initial and final tests			4 Hours
Static rock pressure	1260 psig	(surface pressure after	24 Hours

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

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED 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: CABOT OIL & GAS CORPORATION

By:

Date:

John W. Abshire
12/30/96

08/01/2025

WAY 1894

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

Well Operator: CABOT OIL & GAS CORPORATION 8145 17 659Operator's Well Number: CNR FEE #1 RECEIVED
Office of Oil and Gas3) Elevation: 555.744) Well type: (a) Oil / or Gas X / JUN 26 2025(b) If Gas: Production X / Storage /
Deep X / Shallow /Proposed Target Formation(s): EIG SIXProposed Total Depth: 4125 feetApproximate fresh water strata depths: 161, 350, 415Approximate salt water depths: 1035'9) Approximate coal seam depths: 105', 462', 538'10) Does land contain coal seams tributary to active mine? Yes X / No /11) Proposed Well Work: Drill and complete a gas well.

12) Based on Wayne 1067, 1174, 1546 & Coal company maps.

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16"	L.S.	65#	30'	30'	10 sks (GFS)
Fresh Water						38CSR18/11.3 38CSR18/11.2
Coal	9-5/8"	L.S.	32#	600'	600'	220 sks (CTS)
OPTIONAL Intermediate	*7"	L.S.	20#	1770'	700'	70 sks
Production	4-1/2"	M-70	11.6#	4075'	4075'	125 sks
Tubing						38CSR18/11.1
Liners						

PACKERS : Kind Sizes Depths set

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund Plat WW-9 WW-2B Bond

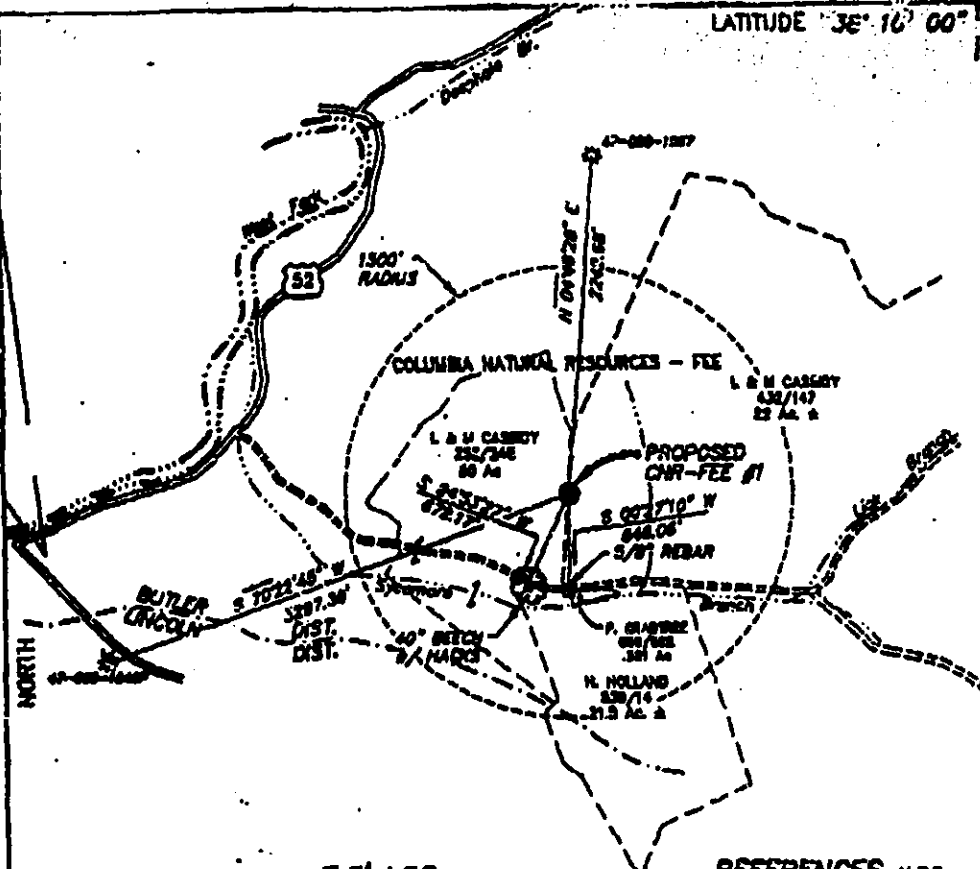
(Type)

WPCP

Agent

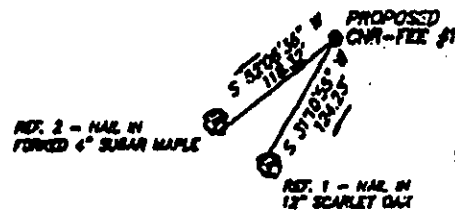
*7" Casing may be run, at company's discretion, if wet below the 9-5/8" casing.

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REFERENCES N.T.S.



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

FILE No. <u>8723-478</u>	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) <u>William J. Whitman</u> R.P.S.		
DRAWING No. <u>CHR-FEE #1</u>			
SCALE <u>1" = 1000'</u>			
MINIMUM DEGREE OF ACCURACY <u>1:2500</u>			
PROVEN SOURCE OF ELEVATION <u>2201 ELEV. ON TOP OF KNOB EL. 1185</u>			
R.P.E.		R.P.S. <u>848</u>	PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE MAY 21 19 96
OPERATOR'S WELL No. CHR-FEE
API WELL No.

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ STATE 47 COUNTY 099

(IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☒ SHALLOW ☐

LOCATION: ELEVATION 955.74 WATER SHED SYCAMORE BRANCH OF WEST FORK OF TWELVE POLE CREEK

STRICT BUTLER COUNTY WAYNE

QUADRANGLE WAYNE W. VA.

SURFACE OWNER LEONARD CASSIDY ACREAGE 22

OIL & GAS ROYALTY OWNER CHR LEASE No. LEASE ACREAGE

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 CAROT OIL & GAS CORP. DESIGNATED AGENT DAVID McCLUSKEY

ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473

CHARLESTON, W. VA. CHARLESTON

FORM IV-6 (8-78)

Official Seal of County Clerk, Wayne County, West Virginia. The foregoing plat was filed for record on this day of May 1996 and is subject to the provisions of the West Virginia Code, Chapter 20, Article 1, Section 1.

68012025

OPEN FLOW DATA

Perf'd Big Six @ 3976' - 3996'. Broke down with 500 gals 15% HCl acid and treated water. Break down pressure - 5400 psi. ISIP - 2850 psi. Treated with 8000 gals 15% HCl acid and 28,000 SCF N₂. ATP - 3200 psi. AIR - 3.1 bpm and 450 SCFM. ISIP - 2740 psi.

FORMATION	TOP	BOTTOM
Shale	0	968
Salt Sand	968	1324
Shale	1324	1368
Little Lime	1368	1400
Big Lime	1400	1570
MacCrady	1570	1660
Big Injun	1660	1688
Shale	1688	2139
Sunbury Shale	2139	2183
Berea	2183	2310
Shale	2310	3292
Coniferous Lime	3292	3913
Big Six	3913	4020
Kecner	4020	4037
Rochester Shale	4037	4146 - TD

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WW-4A
Revised 6-07

JUN 26 2025

WV Department of
Environmental Protection

1) Date: 6/3/2025
2) Operator's Well Number CASSIDY LEONARD CNR FEE 1

3) API Well No.: 47 - 099 - 01894

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>Laura Holland, Est. c/o Timothy Holland</u>	Name <u>Not Currently Operated</u>
Address <u>1199 Sycamore Creek Rd.</u>	Address _____
<u>Genoa, WV 25517</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Pocahontas Land Corp. c/o Pocahontas Land, LLC</u>
_____	Address <u>PO Box 1517</u>
(c) Name _____	<u>Bluefield, WV 24701</u>
Address _____	Name _____
_____	Address _____
6) Inspector <u>Brian Warden</u>	(c) Coal Lessee with Declaration
Address <u>49 Elk Creek Rd.</u>	Name <u>New Eagle Mining Corp.</u>
<u>Delbarton, WV 25670</u>	Address <u>PO Box 848</u>
Telephone <u>(304) 205-3229</u>	<u>Bristol, TN 37621</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 3rd day of June, 2025
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.

08/01/2025

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

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USPS CERTIFIED MAIL™



9407 1362 0855 1279 5386 50



LAURA HOLLAND EST
C/O TIMOTHY HOLLAND
1199 SYCAMORE CREEK RD
GENOA WV 25517-7543

US POSTAGE AND FEES PAID
2025-06-03
25301
C4000004
Retail
4.0 OZ FLAT
easypost
0901000010763



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

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USPS CERTIFIED MAIL™



9407 1362 0855 1279 5386 74



POCAHONTAS LAND CORP
C/O POCAHONTAS LAND LLC
PO BOX 1517
BLUEFIELD WV 24701-1517

US POSTAGE AND FEES PAID

2025-06-03

25301

C40000004

Retail

4.0 OZ FLAT



easypost



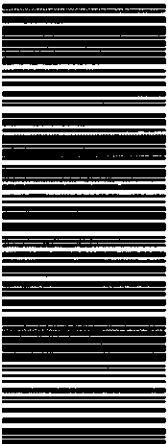
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Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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USPS CERTIFIED MAIL™



9407 1362 0855 1279 5387 04

NEW EAGLE MINING CORP
PO BOX 848
BRISTOL TN 37621-0848

US POSTAGE AND FEES PAID
2025-06-03
25301
C4000004
Retail
4.0 OZ FLAT
easypost
0901000010763

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WW-9
(5/16)

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API Number 47 - 099 - 01894
Operator's Well No. CASSIDY LEONARD CNR FEE 1

JUN 26 2025

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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) Sycamore Branch of Twelvepole Creek Quadrangle Wayne 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 Chris Veazey

Company Official (Typed Name) Chris Veazey

Company Official Title Director of Administration



Subscribed and sworn before me this 3rd day of June, 20 25

Jeffrey Bush Notary Public

My commission expires September 28, 2028

08/01/2025

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/acreRECEIVED
Office of Oil and Gas

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Environmental ProtectionSeed Mixtures

Temporary

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

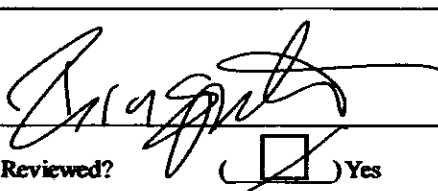
Permanent

Seed Type	lbs/acre
Red Fescue	15
Alsike Clover	5

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Comments: Return to DEP StandardTitle: Date: 624 21

Field Reviewed?



Yes



No



DIVERSIFIED
energy

Date: 6/3/2025

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 4709901894

Well Name CASSIDY LEONARD CNR FEE 1

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

Sincerely,

Diversified Energy Permitting Department

08/01/2025



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Office of Oil and Gas

JUN 26 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	)	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.

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

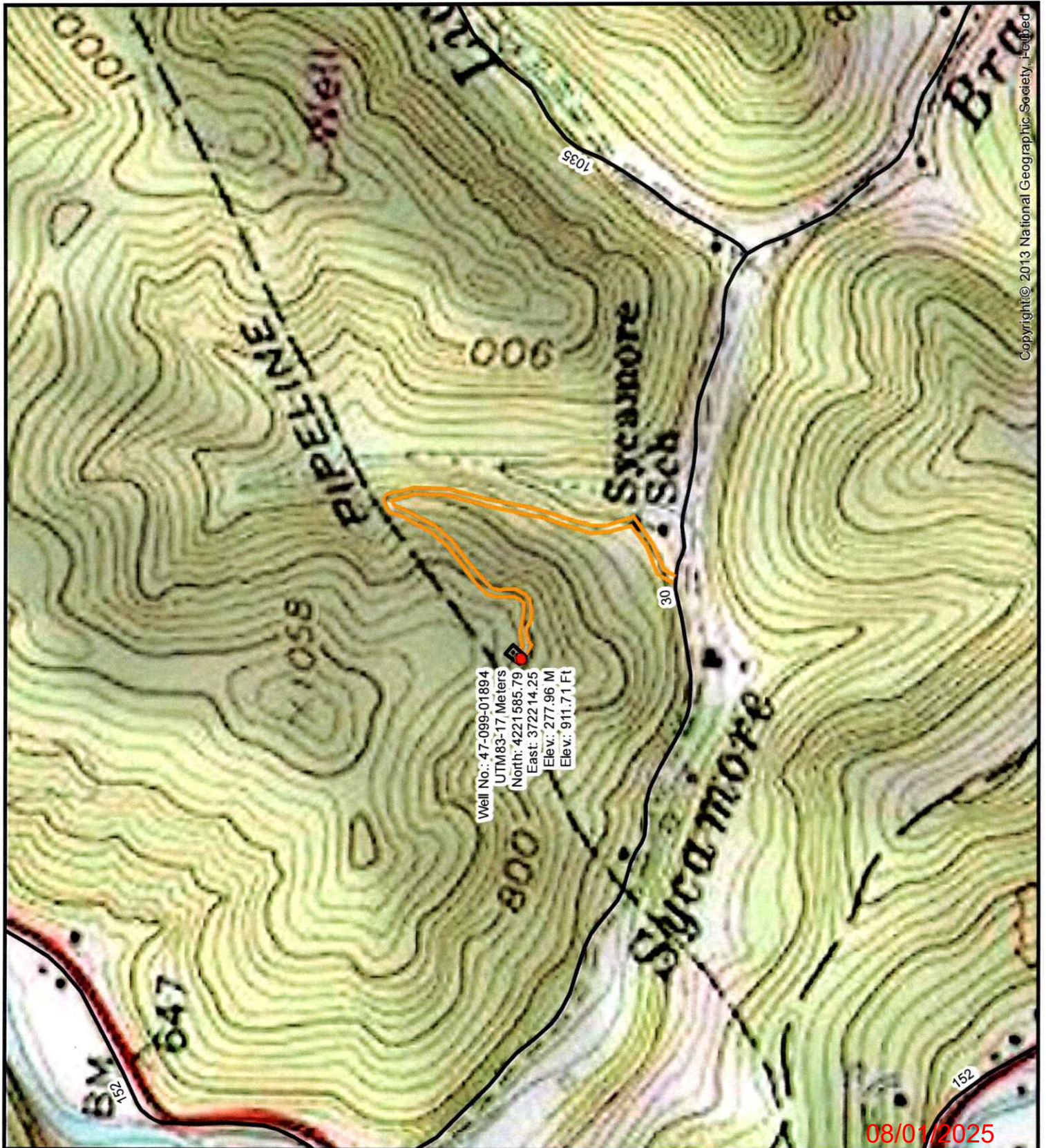
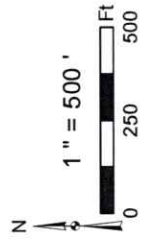
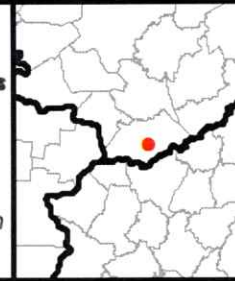
47-099-01894

Well Plugging Map

Legend

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

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

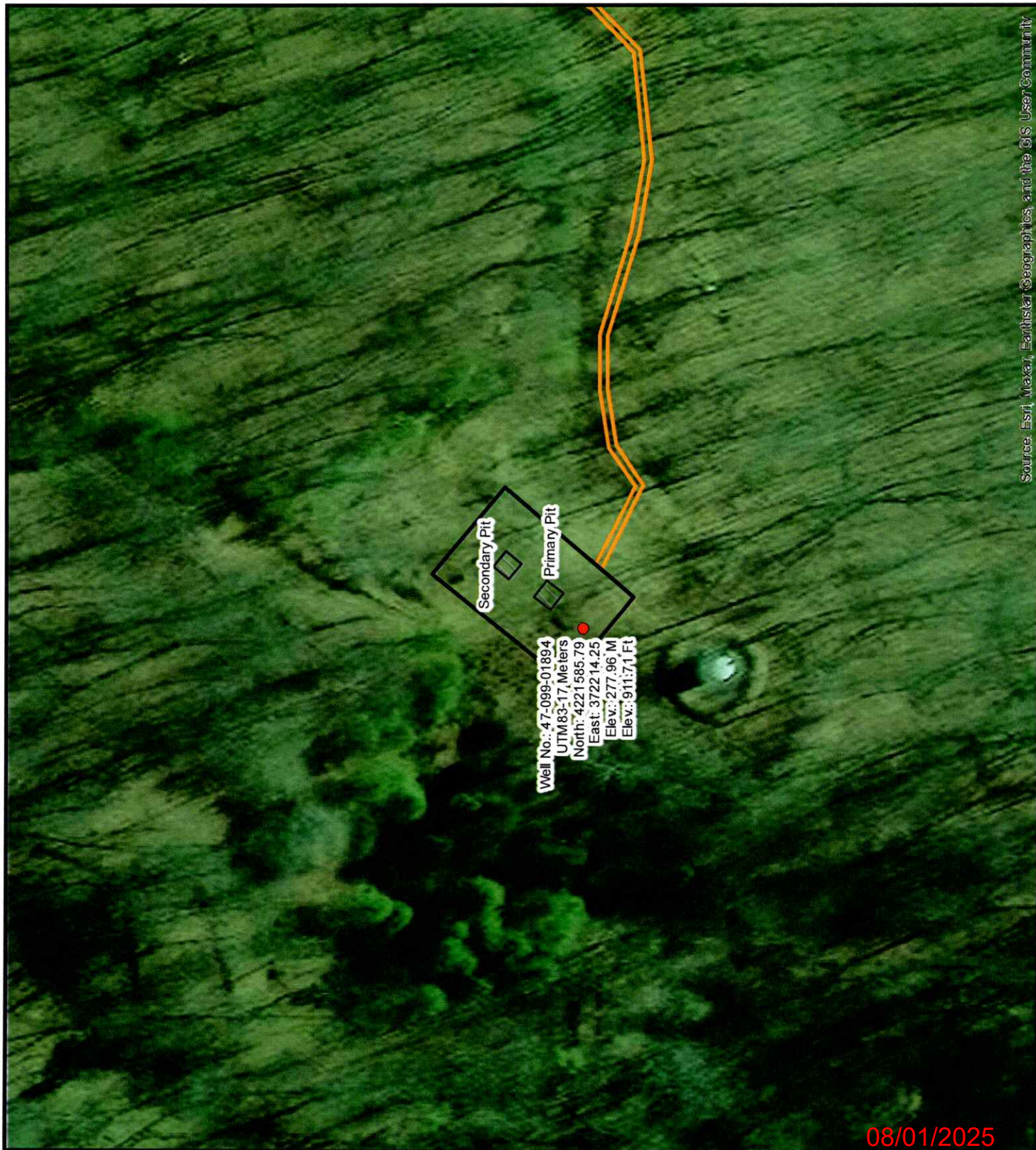
47-099-01894

Well Plugging Map

Legend

- Well
- Access Road
- Pits
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Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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: 4709901894 WELL NO.: CASSIDY LEONARD CNR FEE 1
FARM NAME: Cassidy, Leonard
RESPONSIBLE PARTY NAME: Diversified Production, LLC
COUNTY: Wayne DISTRICT: Butler
QUADRANGLE: Wayne 7.5'
SURFACE OWNER: Laura Holland, Est. c/o Timothy Holland
ROYALTY OWNER: Kimbell Royalty Operating, LLC
UTM GPS NORTHING: 4221585.79
UTM GPS EASTING: 372214.25 GPS ELEVATION: 911.71'

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 ____

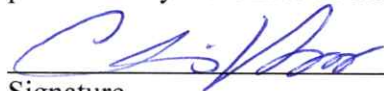
Real-Time Differential ____

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

6/3/2025
Date

08/01/2025

WW-4B

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API No. 4709901894
Farm Name Cassidy, Leonard
Well No. CASSIDY LEONARD CNR FEE 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 _____

08/01/2025

SURFACE OWNER WAIVER

JUN 26 2025

WV Department of
Environmental Protection

Operator's Well
Number

CASSIDY LEONARD CNR FEE 1

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

08/01/2025

11/10/2016

PLUGGING PERMIT CHECKLIST
4709901894

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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

08/01/2025



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

plugging permits issued for 4709901018 01894

1 message

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

Wed, Jul 30, 2025 at 11:59 AM

To: Nicholas Bumgardner <nbumgardner@dgoc.com>, Chris Veazey <CVeazey@dgoc.com>, Brian Warden <brian.warden@wv.gov>, assessor@waynecountywv.org

To whom it may concern, plugging permits have been issued for 4709901018 01894.

--

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 **4709901894.pdf**
2660K **4709901018.pdf**
3843K**08/01/2025**