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, October 7, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for B-63A
47-041-02103-00-00

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: LOUGH, W. C.
U.S. WELL NUMBER: 47-041-02103-00-00
Vertical Plugging
Date Issued: 10/7/2026

10/09/2026

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.

WW-4B
Rev. 2/01

1) Date September 3, 2026
2) Operator's
Well No. Lough W B -63A 150661
3) API Well No. 47- 041 - 02103

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 1248.66' Watershed Tygart River
District Skin Creek County Lewis Quadrangle Crawford 7.5'

6) Well Operator Diversified Production, LLC
Address 414 Summers Street
Charleston, WV 25301

7) Designated Agent Chris Veazey
Address 414 Summers Street
Charleston, WV 25301

8) Oil and Gas Inspector to be notified
Name Kenneth Greynolds
Address 613 Broad Run Rd.
Jane Lew, WV 26378

9) Plugging Contractor
Name Next LVL Energy (Diversified Owned)
Address 104 Helliport Loop Rd
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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SEP 17 2026
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 Kenneth Greynolds Digitally signed by: Kenneth Greynolds DN: CN = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov C = US O = WVDEP OU = O&G Date: 2026.09.14 10:29:36 -04'00' Date

10/09/2026

Plugging Prognosis – New Regulations
API #: 47-041-02103
West Virginia, Lewis County
Lat/Long – 38.934153, -80.37215
Nearest ER: St. Joseph's Hospital Emergency Room – 1 Amalia Dr, Buckhannon, WV 26201

Casing Schedule

12-1/4" @ 20' – No Cementing and/or Packer Information
8-5/8" @ 820' – CTS w/ 185 sks
4-1/2" @ 4302' – Cemented w/ 175 sks – OG-10 says to 3500' which would indicate a 7-7/8" hole if yield was 1.18
TD @ 4324'

Completion: Benson – Frac'd w/ 500 gal acid, 912 bbl, 50,000# 20/40 sand

Fresh Water: 75', 165'
Salt Water: 1930' based on offset well 47-041-02105 @ elevation 1244' and offset 0.33 miles
Gas Shows: 4091', 4323'
Oil Shows: 1873', 2285'
Coal: 140'-145' based on offset well 47-041-02105 @ elevation 1244' and offset 0.33 miles
Open Mine: None Reported
Elevation: 1269'

1. Notify Inspector Kenneth Greynolds @ 681-990-6948, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Blow down well, kill w/ fluid if necessary.
4. Check TD w/ sandline/tbg/wireline.
5. Pump 6% bentonite gel between each plug.
6. Trip out of hole w/ any rods/tbg in well.
7. Perforations will be needed @ a minimum of just above TOC on backside of 4-1/2" csg (estimated 3490'), 2260', 1735', 830', 730', 215', & 150'.
8. TIH w/ tbg to 4314'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel.
9. TOOH w/ tbg to 4303'. Pump 332' Class L/Class A cement plug from **4303' to 3971' (Completion – Benson & Gas Shows Plug).** Approximately 26 sks @ 1.18 yield in 4-1/2" csg. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. **Perforate as needed.**
10. Verify TOC on backside of 4-1/2" csg.
11. TIH w/ tbg 2260'. Pump 525' Class L/Class A cement plug from **2260' to 1735' (Offset Well Saltwater Show and Oil Shows Plug).** Approximately 151 sks @ 1.18 yield in 7-7/8" hole (estimated). WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. **Perforate as needed (2260', 1735').**
12. TOOH w/ tbg to 920'. Pump 200' ***Expanding Class A*** cement plug from **920' to 720' (Coal Protection String Csg Shoe Plug).** Approximately 60 sks @ 1.18 yield in 7-7/8" hole

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(estimated) & 8-5/8" csg. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. **Perforate as needed (920', 720').**

13. TOOH w/ tbg to 100'. Pump 100' Class A cement plug from **100' to Surface (Surface Plug).** Approximately 31 sks @ 1.18 yield in 8-5/8" csg. Top off as needed. **Perforate as needed (100').**
14. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

10/09/2026

OG-10
Rev. - 9-71

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
AUG 17 1977
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary X Oil ____
Cable ____ Gas X
Recycling ____ Comb. ____
Water Flood ____ Storage ____
Disposal ____ ____ (Kind)

Quadrangle Crawford

Permit No. LEW 2103

Company J & J Enterprises, c/o Berry Energy Consultants
Address 309 Prof. Bldg., Clarksburg
Farm W. C. Lough Acres 225
Location (waters) Hughes Fork
Well No. B-63 A Elev. 1269
District Skincreek County Lewis
The surface of tract is owned in fee by
Wm. H. Aspinall, Jr.
Address Rt. 2, Roanoke, W. Va.
Mineral rights are owned by Madge E. Lough
Route 1 Address Box 20, Jane Lew, W. Va.
Drilling Commenced 4/13/77
Drilling Completed 4/18/77
Initial open flow 40,000 cu. ft. ____ bbls.
Final production 561,000 cu. ft. per day ____ bbls.
Well open 6 hrs. before test 935 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16 Cond.			
13-10" 11 3/4			
9 5/8			
8 5/8	820	820	to surface
7			
5 1/2			
4 1/2	4302	4302	to 3500
3			
2			
Liners Used			

Attach copy of cementing record.

Well treatment details:
6/27/77 Waterfrac Benson 912 bbl; 50,000 20/40 500 gal acid

Coal was encountered at Below None Feet ____ Inches
Fresh water 75' 165' Feet ____ Salt Water ____ Feet ____
Producing Sand Benson Depth TD 4324

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay Sand Rock			0	25		
Sand Shale			25	460	H^2O 75 and 165	
Sand			460	490		
Sand Shale			490	515		
Sand			515	615		
Sand Shale			615	1380		
Little Lime			1380	1425		
Shale Sand			1425	1545		
Big Lime			1545	1730		
Sand Shale			1730	1855	Show Oil 1873	
Gantz			1855	1940		
Sand Shale			1940	2280	Show Oil 2285	
Fifth Sand			2280	2370		
Sand Shale			2370	3200		
Sand			3200	3235		
Sand Snale			3235	4195	Gas 4091	
Benson			4195	4225		
Sand Shale			4225	4333	Gas TD 40/101" FM	
TD GL				4324		
					* Log Tops	
					Big Lime 1587	
					Big Injun 1777	
					Fifth 2318 2368	
					Benson 4208 4243	
					~~Gas 4232 4240~~	

(over)

* Indicates Electric Log tops in the remarks section.

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Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

Date August 15, 19 77

APPROVED S. E. Enterprises, Inc.

By W. B. Berry

W. B. BERRY (Title) OPERATOR

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10/09/2026

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO xx DRILL _____ DEEPEN _____ FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If Known)
NAME S. W. Jack Drilling Company
ADDRESS Indiana, Penna.
TELEPHONE 412 463-9191

RESPONSIBLE AGENT:
NAME Jim Willett
ADDRESS Buckhannon, W. Va.
TELEPHONE 472-2161

ESTIMATED DEPTH OF COMPLETED WELL: 4750
ROTARY x x CABLE TOOLS _____
PROPOSED GEOLOGICAL FORMATION: Benson

TYPE OF WELL: OIL _____ GAS xx COMB. _____ STORAGE _____ DISPOSAL _____
RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 11 3/4	25	25	to surface
9 - 5/8			
8 - 5/8	850	850	to surface
7			
5 ½			
4 ½	4700	4700	to 3500
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 140 FEET _____ SALT WATER _____ FEET _____
APPROXIMATE COAL DEPTHS Below Coal , _____
IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, $100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND, ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

SEP 17 2026

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

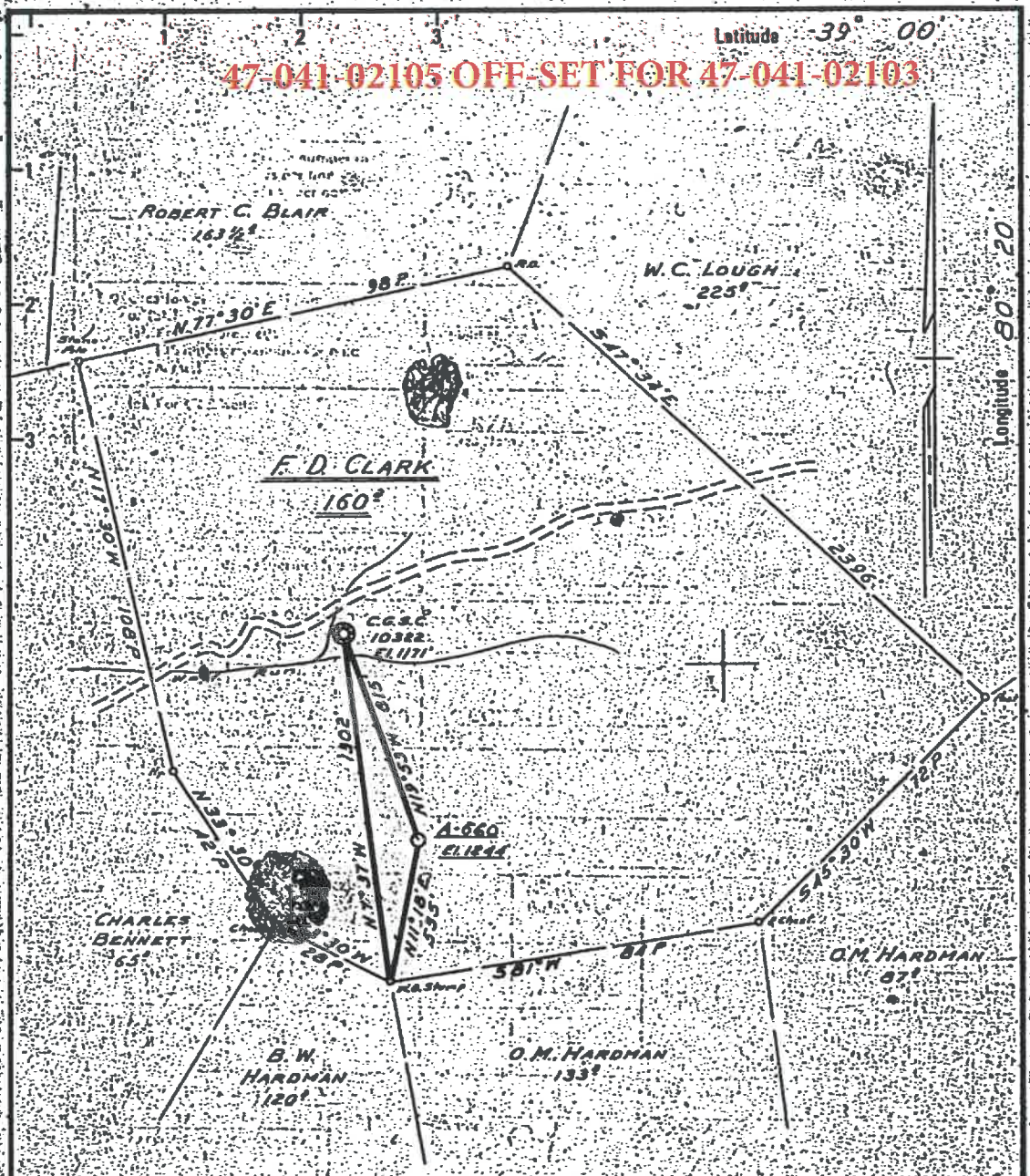
_____
For Coal Company

_____
Official Title

10/09/2026

3/31/77

47-041-02105 OFF-SET FOR 47-041-02103



New Location ☒
Drill Deeper ☐
Abandonment ☐

Minimum Error of Closure: ONE PART IN 200
Source of Elevation: C.G.S.C. PLUGGED WELL 10322 ELEV. 1171'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company: ALLEGHENY LAND & MINERAL CO.
Address: CLARKSBURG, W.VA. 26301
Farm: F.D. CLARK
Tract ____ Acres: 160 Lease No.: 58877
Well (Farm) No.: 2 Serial No.: A-660
Elevation (Spirit Level): 1244'
Quadrangle: CRAWFORD
County: LEWIS District: SKIN CREEK
Engineer: Derrick L. Wheeler
Engineer's Registration No.: 530 L.L.S.
File No.: 96 Drawing No.: B-641
Date: 12-23-76 Scale: 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. LEW-2105

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-041

M21644

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10/09/2026

OG-10
Rev. - 9-71

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OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD 13

Rotary X Oil
Cable Gas X
Recycling Comb.
Water Flood Storage
Disposal (Kind)

Quadrangle CRAWFORD

Permit No. LEW-2105

Company Allegheny Land & Mineral Co.
Address Box 1740, Clarksburg, WV 26301
Farm F.D.Clark Acres 160
Location (waters) Wolf Run of Skin Creek-West Fork River
Well No. A-660 Elev. 1244'
District Skin Creek County Lewis
The surface of tract is owned in fee by Jo Anna S. Fenimore, et al; 1827 Curtis Dr.,
Address North Augusta, SC
Mineral rights are owned by same
Address
Drilling Commenced September 20, 1977
Drilling Completed September 24, 1977
Initial open flow 60 MCF cu. ft. bbls.
Final production 102MCF cu. ft. per day bbls.
Well open 7 hrs. before test 640# RP.
Well treatment details:
Well was fractured October 4, 1977 by Halliburton.
Have not received final test from Consolidated.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	910'	910'	Cement to surf.
7			
5 1/2			
4 1/2	2607'	2607'	" " 1807'
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at 115 - 120 Feet Inches
Fresh water @ 60', 305', Feet Salt Water @ 1905 Feet
Producing Sand 5th & Speechly Depth 2320-46': 2506-24'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	10		
Sand & Shale			10	115	Water - ½" stream @ 60'	
Coal #####			115	120	Coal #####	
Sand & Shale			120	460	Water - 1" stream @ 305'	
Sand			460	469		
Sand & Shale			469	1578		
Big Lime			1578	1702		
Injun Sand			1702	1780		
Sand & Shale			1780	2320	Water - 1" stream @ 1905'	
5th Sand			2320	2346		
Sand & Shale			2346	2506	PERFORATIONS:	
Speechly Sand			2506	2524	2325 - 2331' - 16 shots	
Sand & Shale			2524	2932	2335 - 2339' - 6 "	
Sand			2932	2942	2507 - 2515' - 16 "	
Sand & Shale			2942	4188		
Benson Sand			4188	4196		
Sand & Shale			4196	4350		
			total depth	4350	(Driller)	

(Partial abandonment - over)

(Title) (over)

* Indicates Electric Log tops in the remarks section.

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10/09/2026

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL ___ DEEPEN ___ FRACTURE-STIMULATE ___

DRILLING CONTRACTOR: (If Known)
NAME Union Drilling, Inc.
ADDRESS P. O. Drawer 40, Buckhannon, WV
TELEPHONE 471-4671

RESPONSIBLE AGENT:
NAME Allegheny Land & Mineral Co.
ADDRESS P. O. Box 1740, Clarksburg, WVA
TELEPHONE 623-6671

ESTIMATED DEPTH OF COMPLETED WELL: 4200'
ROTARY XX CABLE TOOLS ___
PROPOSED GEOLOGICAL FORMATION: Benson
TYPE OF WELL: OIL ___ GAS XX COMB. ___ STORAGE ___ DISPOSAL ___
RECYCLING ___ WATER FLOOD ___ OTHER ___

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16	20'	20'	Cement to surface.
13 - 10			
9 - 5/8			
8 - 5/8	650'	650'	Cement to surface.
7			
5 ½			Cement to 300' above
4 ½	4200'	4200'	the Benson Horizon
3			Perf. Top
2			Perf. Bottom.
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40-80 FEET ___ SALT WATER ___ FEET ___
APPROXIMATE COAL DEPTHS 597' to 603' 6' View
IS COAL BEING MINED IN THE AREA? No BY WHOM? ___

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, $100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for ___ Coal Company, Owner or Operator of the coal under this lease, have examined and place on our mine maps this proposed well location.

We the ___ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

SEP 17 2026

___
For Coal Company

___
Official Title

10/09/2026

DIVERSIFIED energy

Date: 9/3/2026

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, DGOC will be utilizing Class L cement to plug the following well:

API Number 4704102103 Well Name Lough W B -63A 150661

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

Sincerely,

Diversified Energy Permitting Department

SEP 17 2026

10/09/2026

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 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.

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.

SEP 17 2026

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.

10/09/2026

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 monogramed 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

SEP 17 2026

10/09/2026

WW-4A
Revised 6-07

1) Date: 9/3/2026
2) Operator's Well Number Lough W B -63A 150661

3) API Well No.: 47 - 041 - 02103

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Craig L. & Melissa D. Hinterer
Address: 13285 WV Rt. 18 S.
New Milton, WV 26411

(b) Name
Address

(c) Name
Address

6) Inspector: Kenneth Greynolds
Address: 613 Broad Run Rd.
Jane Lew, WV 26378
Telephone: (681) 990-6948

5) (a) Coal Operator
Name: Not Currently Operated
Address

(b) Coal Owner(s) with Declaration
Name: Craig L. & Melissa D. Hinterer
Address: 13285 WV Rt. 18 S.
New Milton, WV 26411
Name
Address

(c) Coal Lessee with Declaration
Name: None Reported
Address

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.

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Jeffrey Bush
1007 Henry St
Ravenswood, WV 26164
My Commission Expires September 28, 2028

Well Operator: Diversified Production, LLC
By: Chris Veazey
Its: Director of Administration
Address: 414 Summers Street
Charleston, WV 25301
Telephone: 855-476-4930

SEP 17 2026

Subscribed and sworn before me this 3rd day of September, 2026
Notary Public
My Commission Expires September 28, 2028

Oil and Gas Privacy Notice

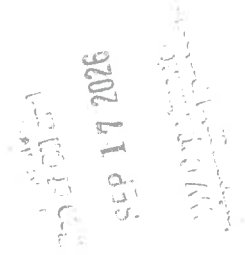
The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory 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 deprivacyoffier@wv.gov.

10/09/2026

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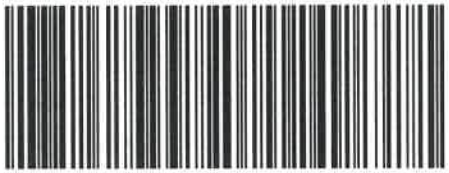
Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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SURFACE OWNER WAIVER

Operator's Well Number Lough W B -63A 150661

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.

_____ Date _____
Signature

FOR EXECUTION BY A CORPORATION,

SEP 17 2026

Name _____
By _____
Its _____ Date _____

Signature Date

10/09/2026

WW-4B

API No. 4704102103
Farm Name WC Lough
Well No. Lough W B -63A 150661

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 then 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 _____

SEP 17 2026

10/09/2026

WW-9
(5/16)

API Number 47 - 041 - 02103
Operator's Well No. Lough W B -63A 150661

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) Tygart River Quadrangle Crawford 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 systembe 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

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Jeffrey Bush
1007 Henry St
Ravenswood, WV 26164
My Commission Expires September 28, 2028

Subscribed and sworn before me this 30th day of September, 20 26

_____ Notary Public

My commission expires September 28, 2028

SEP 17 2026

10/09/2026

Form WW-9

Operator's Well No. Lough W B -63A 150661

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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alside 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: Kenneth Greynolds Digitally signed by: Kenneth Greynolds DN: CN = Kenneth Greynolds email = Kenneth.LGreynolds@wv.gov C = US O = WVDEP OU = O & G Date: 2026.09.14 10:31:28 -04'00'

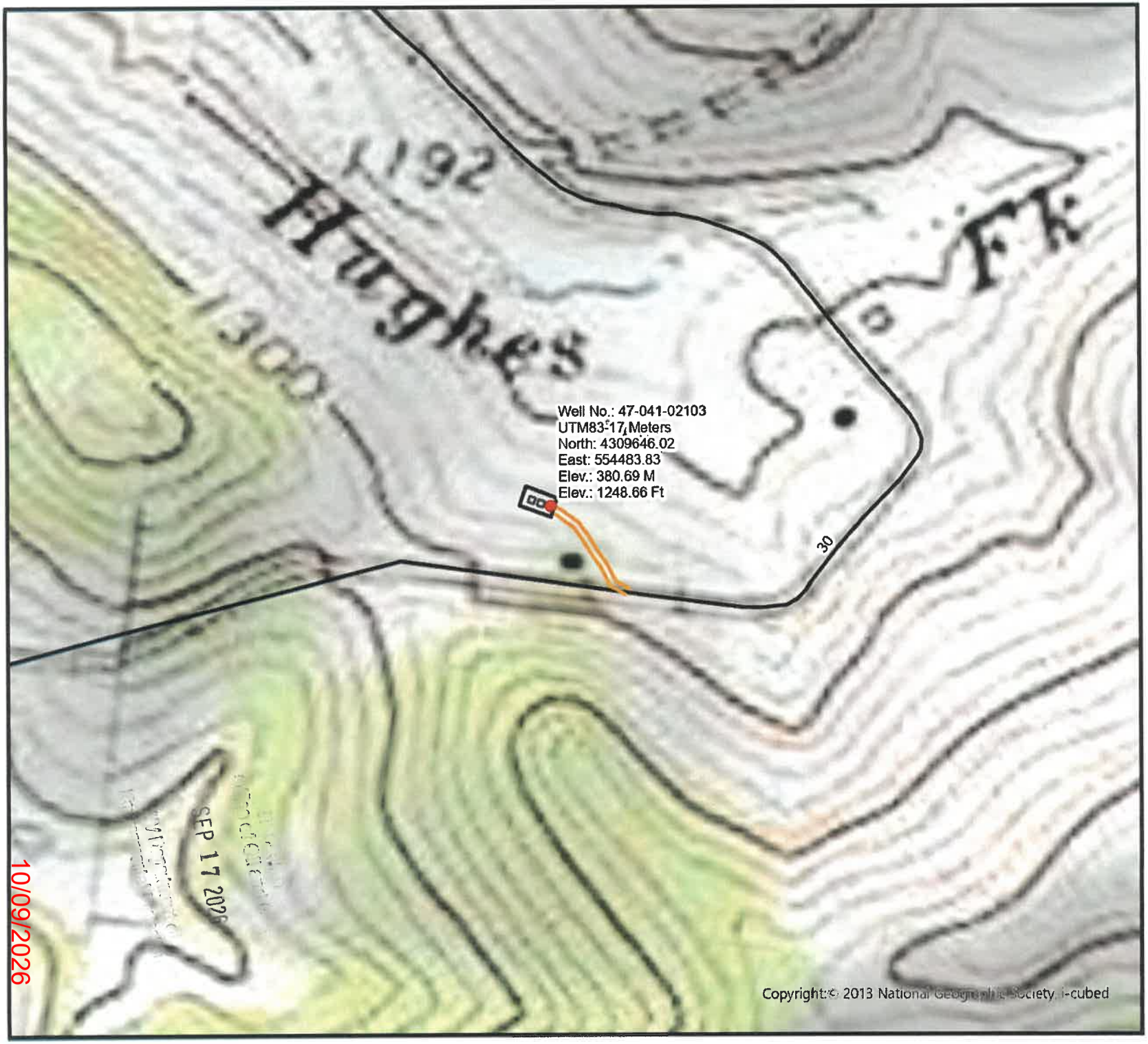
Comments:

Title: Date:

Field Reviewed? ( ) Yes ( ) No

SEP 17 2026

10/09/2026



10/09/2026

DIVERSIFIED energy

47-041-02103

Well Plugging Map

Legend

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







DIVERSIFIED energy

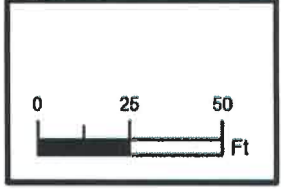
47-041-02103

Well Plugging Map

Legend

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





WW-7
8-30-06

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

API: 4704102103 **WELL NO.:** Lough W B -63A 150661

FARM NAME: WC Lough

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Lewis **DISTRICT:** Skin Creek

QUADRANGLE: Crawford 7.5'

SURFACE OWNER: Craig L. & Melissa D. Hinterer

ROYALTY OWNER: Patricia Graham, Waneta Jewell, Shirley Stout, Charles Jewell, William Lough, Ed Jewell, Judy Koch

UTM GPS NORTHING: 4309646.02

UTM GPS EASTING: 554483.83 **GPS ELEVATION:** 1248.66'

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) | 9/04/2026 (Date)

Received
SEP 17 2026
WV Department of Environmental Protection

10/09/2026

11/10/2016

PLUGGING PERMIT CHECKLIST
4704102103

Plugging Permit

- [ ] WW-4B
- [ ] WW-4B signed by inspector
- [ ] WW-4A
- [ ] SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERITFIED 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

RECEIVED
Office of Oil & Gas
SEP 17 2026
WV Department of
Environmental Protection

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

plugging permit issued 4704102103

1 message

Kennedy, James P <james.p.kennedy@wv.gov> Wed, Oct 7, 2026 at 12:05 PM
To: Nicholas Bumgardner <nbumgardner@dgoc.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, jbreen@assessor.state.wv.us

To whom it may concern a plugging permit has been issued for 4704102103.

--

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

4704102103.pdf
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10/09/2026