



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

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

Friday, May 16, 2025

WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 56 1094
47-099-01273-00-00

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: HOARD-BALDWIN
U.S. WELL NUMBER: 47-099-01273-00-00
Vertical Plugging
Date Issued: 5/16/2025

A handwritten signature in blue ink, appearing to read "James A. Martin", is written over a faint, larger blue outline of the signature.

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 April 2, 2025
2) Operator's
Well No. HOARD-BALDWIN #56
3) API Well No. 47-099-01273

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 852.55' Watershed Camp Creek
District Stonewall County Wayne Quadrangle Nestlow 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified Name Brian Warden 9) Plugging Contractor 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 oil & gas permits under well that
are with expired permits and fresh water.*

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Environmental Protection

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

Work order approved by inspector  Date 4/28/25

05/23/2025

Plugging Prognosis

API #: 45-099-01273

West Virginia, Wayne County

Lat/Long – 38.154572, -82.371959

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

Casing Schedule

8-1/4" @ 373'10" – No Cementing Information – Installed on shoe

6-5/8" @ 1283'1" – No Cementing Information – Installed on shoe

3-1/2" @ 1943'5" – 3-1/2 x 7 x 16 Oilwell Hookwall Packer @ 1937'-1941'

TD @ 3007' – TD 2996' after being shot

Completion: 2529'-3006' – Shot w/ 4600# Trojan Powder

Fresh Water: 295', 895', 920'

Salt Water: None Reported

Gas Shows: 1342'-1345', 1470'-1490', 1965', 2032', 2060', 2064', 2098', 2207', 3007'

Oil Shows: None Reported

Coal: 331'-336'

Open Mine: None Reported

Elevation: 847.9'

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1. Notify Inspector Brian Warden @ 304-205-3229, 48 hrs prior to commencing operations.
2. MIRU service rig and ancillary equipment.
3. Check and record pressures on csg/tbg. Kill well as necessary with fresh water or brine water.
4. Check TD w/ sandline/tbg.
5. TOOH w/ any rods and/or tbg in well.
6. Pump 6% Bentonite gel between each plug.
7. TIH w/ tbg to 2986', 10' above TD. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 40 bbls gel.
8. Pump 525' Class L/Class A cement plug from 2986' to 2461' (Completion Plug). Approximately 99 sks @ 1.14 yield in 6-1/4" hole. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
9. Attempt to pull 3-1/2" csg.
10. If unable to pull 3-1/2" csg, free point 3-1/2" 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 19 sks @ 1.14 yield in 6-1/4" hole. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Set this plug in conjunction with below Gas Show & 3-1/2" Csg Shoe plug if operationally feasible/necessary.
11. TIH w/ tbg to 2257'. Pump 364' Class L/Class A cement plug from 2257' to 1893' (Gas Show & 3-1/2" Csg Shoe Plug). Approximately 68 sks @ 1.14 yield in 6-1/4" hole. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Set this plug in conjunction with above 3-1/2" Csg Cut plug if operationally feasible/necessary.
12. Attempt to pull 6-5/8" csg.

05/23/2025

13. If unable to pull 6-5/8" csg, free point 6-5/8" 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 33 sks @ 1.14 yield in 7-1/4" hole. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed. Set this plug in conjunction with below Gas Show & 6-5/8" Csg Shoe plug if operationally feasible/necessary.**
14. TIH w/ tbg to 1540'. Pump 248' Class L/Class A cement plug from **1540' to 1292' (Gas Show Plug)**. Approximately 47 sks @ 1.14 yield in 6-1/4" hole. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed. Set this plug in conjunction with above 6-5/8" Csg Cut plug if operationally feasible/necessary.**
15. TOOH w/ tbg to 970'. Pump 172' Class L/Class A cement plug from **970' to 798' (Freshwater & Elevation Plug)**. Approximately 44 sks @ 1.14 yield in 7-1/4" hole. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
16. Attempt to pull 8-1/4" csg.
17. If unable to pull 8-1/4" csg, free point 8-1/4" 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 48 sks @ 1.14 yield in 10" hole. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed. Set this plug in conjunction with below 8-1/4" Csg Shoe, Coal, & Freshwater plug if operationally feasible/necessary.**
18. TIH w/ tbg to 424'. Pump 179' **Expanding Class L/Class A** cement plug from **424' to 245' (8-1/4" Csg Shoe, Coal, & Freshwater Plug)**. Approximately 86 sks @ 1.14 yield in 10" hole. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed. Set this plug in conjunction with above 8-1/4" Csg Cut plug if operationally feasible/necessary.**
19. TOOH w/ tbg to 100'. Pump 100' Class L/Class A cement plug from **100' to Surface (Surface Plug)**. Approximately 48 sks @ 1.14 yield in 10" hole. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed.**
20. Reclaim location and well road to WVDEP specifications and erect P&A well monument.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Wayne

Permit No. Way-1273

WELL RECORD

Oil or Gas Well GAS
(HIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston, W. Va.
Farm Hoard-Baldwin Acres 175
Location (waters) _____
Well No. 56 (Serial No. 1094) Elev. 847.9
District Stonewall County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Owens, Libbey-Owens Gas Department
Address Charleston, W. Va.
Drilling commenced 4-2-60
Drilling completed 5-20-60
Date Shot 5-24-60 From 2529 To 3006
Wit. 4600# Trojan Powder
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Big Inch 18 MCF Br. Shale 47 M. Cu. Ft.
Rock Pressure 375 lbs. 8 days hrs.
Oil _____ bbls. 1st 24 hrs.
Fresh water 295' feet 895' 920' feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			"Oilwell" Hookwall
15			Size of
10			3 1/2 x 7 x 16
8 5/8	373'10"	373'10"	Depth set
5 1/2	1283'1"	1283'1"	1941 - 1937
50/16			Perf. top
3 1/2		1943'5"	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 2531 FEET 60 INCHES
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	6			
Sand	Yellow	Soft	6	27			
Slate	Blue	Soft	27	45			
Slate	Dark	Soft	45	85			
Sand	Light	Med.	85	100			
Sand	White	Soft	100	110			
Slate	Dark	Soft	110	125			
Sand	White	Soft	125	125			
Slate	Dark	Soft	125	1304			
Sand	Light	Hard	1304	1329			
Sand	Light	Soft	1329	1331			
Coal	Black	Soft	1331	1336			
Slate	Dark	Soft	1336	1404			
Slate	Dark	Soft	1404	1438			
Sand	Light	Med.	1438	1666			
Slate	Dark	Soft	1666	1755			
Sand	Light	Med.	1755	1975			
Slate	Dark	Med.	1975	1985			
Slate	Dark	Soft	1985	1991			
Sand	Light	Med.	1991	1108			
Slate	Dark	Soft	1108	1165			
Slate	Grey	Soft	1165	1194			
Slate	Dark	Soft	1194	1198			
Red Rock	Red	Soft	1198	1206			
Slate	Dark	Soft	1206	1246			
Little Lime	Dark	Hard	1246	1265			
Slate	Dark	Soft	1265	1270			
Big Lime	White	Hard	1270	1422			
Keener sand	Grey	Soft	1422	1432			

Oil Gas or Water _____
Depth Found _____
Remarks _____
Water at 295', 1 BPH
4-7-60
Installed 8-5/8" casing at 374'
Coil shoe
Water at 895', 5 BPH
Water at 920', hole filling
Per level 260' at 985'
SIM 1282 - Sand 1286
Installed 7" casing at 1282' on shoe
Gas 1342-1345 10.1 MCF

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Injun	Red	Med.	1432	1447	Gas 1470-1475		73.5 MCF
Grey Injun	Grey	Med.	1447	1504	Gas 1476-1490		
Sl & Shls	Dark	Med.	1504	1586			
Sl & Shls	Light	Med.	1586	1640			
Slate	Light	Med.	1640	1690			
Sl & Shls	Light	Med.	1690	1697			
Sl & Shls	Grey	Soft	1697	1753			
Sl & Shls	Light	Med.	1753	1814			
Sl & Shls	Light	Soft	1814	1880			
Sl & Shls	Light	Med.	1880	1915			
Slate	Grey	Soft	1915	1930			
Shells	Dark	Hard	1930	1951			
Sl & Shls	Light	Med.	1951	1992	Test 1965		28.2 MCF
Slate	Dark	Soft	1992	2027	Test 2032		33.2 MCF
Berea	Grey	Hard	2027	2052	Test 2060		29.3 MCF
Sl & Shls	Dark	Med.	2052	2061	Gas 2064		31.3 MCF
Sand	Grey	Hard	2061	2087	Test 2098		29.3 MCF
Slate	White	Soft	2087	2098			
Sl & Shls	Dark	Med.	2098	2147	Gas 2207		29.8 MCF
Sl & Shls	Light	Soft	2147	2302			
Shells	Light	Hard	2302	2332			
Sl & Shls	Light	Soft	2332	2463			
Slate	Light	Soft	2463	2511			
Sl & Shls	Light	Soft	2511	2532			
Br. Shale	Brown	Med.	2532	2646			
Slate	Light	Soft	2646	2672			
Br. Shale	Brown	Soft	2672	2989			
Sl & Shls	Light	Soft	2989	3007	Test 3007		20.7 MCF
					5-24-60		
			Total Depth	3007			
					Shot well with 4600# Trojan Powder from 2529 to 3006' (12 Noon)		
					Test Before Shot:		19.3 MCF
					15 Min. After Shot:		590. MCF
					1 Hr. "		193. MCF
					5-25-60		
					23 Hrs. "		67.4 MCF
					5-26-60		
					Installed 3" tubing at 1941' with "Oilwell" Hookwall Packer		
					Final Open Flow 233		
					Big Injun		18 MCF
					Br. Shale		47 MCF
							650 MCF
					Shut-in in 3" tubing at 4:35 P. M.		
					52 1/2 Hrs. after shot.		

DATE June 16, 1960

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT

By A. H. Smith, (Title) Land, Engrg. & Geol. Mgr.

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1) Date: 4/2/2025
2) Operator's Well Number HOARD-BALDWIN #56
3) API Well No.: 47 - 099 - 01273

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>Lovella Fry & Andrew J. Fry Jr. % Edward Castagna Trustee</u>	Name <u>Lexington Coal Company, LLC</u>
Address <u>611 Druid Rd. E STE 717</u>	Address <u>1051 Main ST STE 2</u>
<u>Clearwater, FL 33756</u>	<u>Milton, WV 25541</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 1516</u>
	<u>Bluefield, WV 24700</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Brian Warden</u>	(c) Coal Lessee with Declaration <u>WV Department of</u>
Address <u>49 Elk Creek Rd</u>	Name <u>ANR, INC.</u>
<u>Delbarton, WV 25670</u>	Address <u>340 Martin Luther King Jr. BLVD</u>
Telephone <u>304-205-3229</u>	<u>Bristol, TN 37620</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 2nd day of April, 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.

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

LOVELLA FRY & ANDREW J FRY JR
C/O EDWARD CASTAGNA, TRUSTEE
611 DRUID RD E STE 717
CLEARWATER FL 33756-3947

US POSTAGE AND FEES PAID
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25301
C4000004
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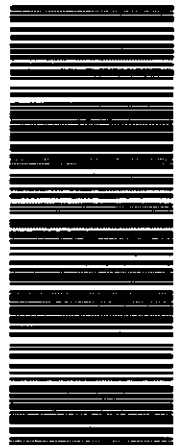
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Diversified Gas & Oil Corporation
Permitting Department
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ANR INC
340 MARTIN LUTHER KING JR BLVD
BRISTOL TN 37620-3996

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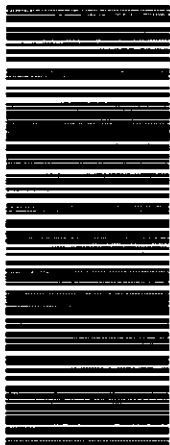
Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

POCAHONTAS LAND CORP
C/O POCAHONTAS LAND LLC
PO BOX 1516
BLUEFIELD WV 24701-1516

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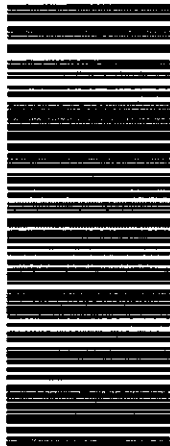
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Diversified Gas & Oil Corporation
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2ND FLOOR
CHARLESTON WV 25301

LEXINGTON COAL COMPANY LLC
1051 MAIN ST STE 2
MILTON WV 25541-1215

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WW-9
(5/16)

API Number 47 - 099 - 01273
Operator's Well No. HOARD-BALDWIN #56

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)Camp Creek Quadrangle Nestlow 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 _____)

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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 2nd day of April, 20 25

Jeffrey Bush Notary Public

My commission expires September 28, 2028

05/23/2025

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 MixturesTemporaryPermanent

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

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]Comments: To Dept StandardRECEIVED
Office Of Oil and Gas

APR 29 2025

WV Department of
Environmental ProtectionTitle: Example Date: 4/28/25Field Reviewed? (☒) Yes (☐) No

05/23/2025



DIVERSIFIED
energy

Date: 4/2/2025

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 4709901273 Well Name HOARD-BALDWIN #56

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

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WV Department of
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05/23/2025



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

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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.

05/23/2025

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

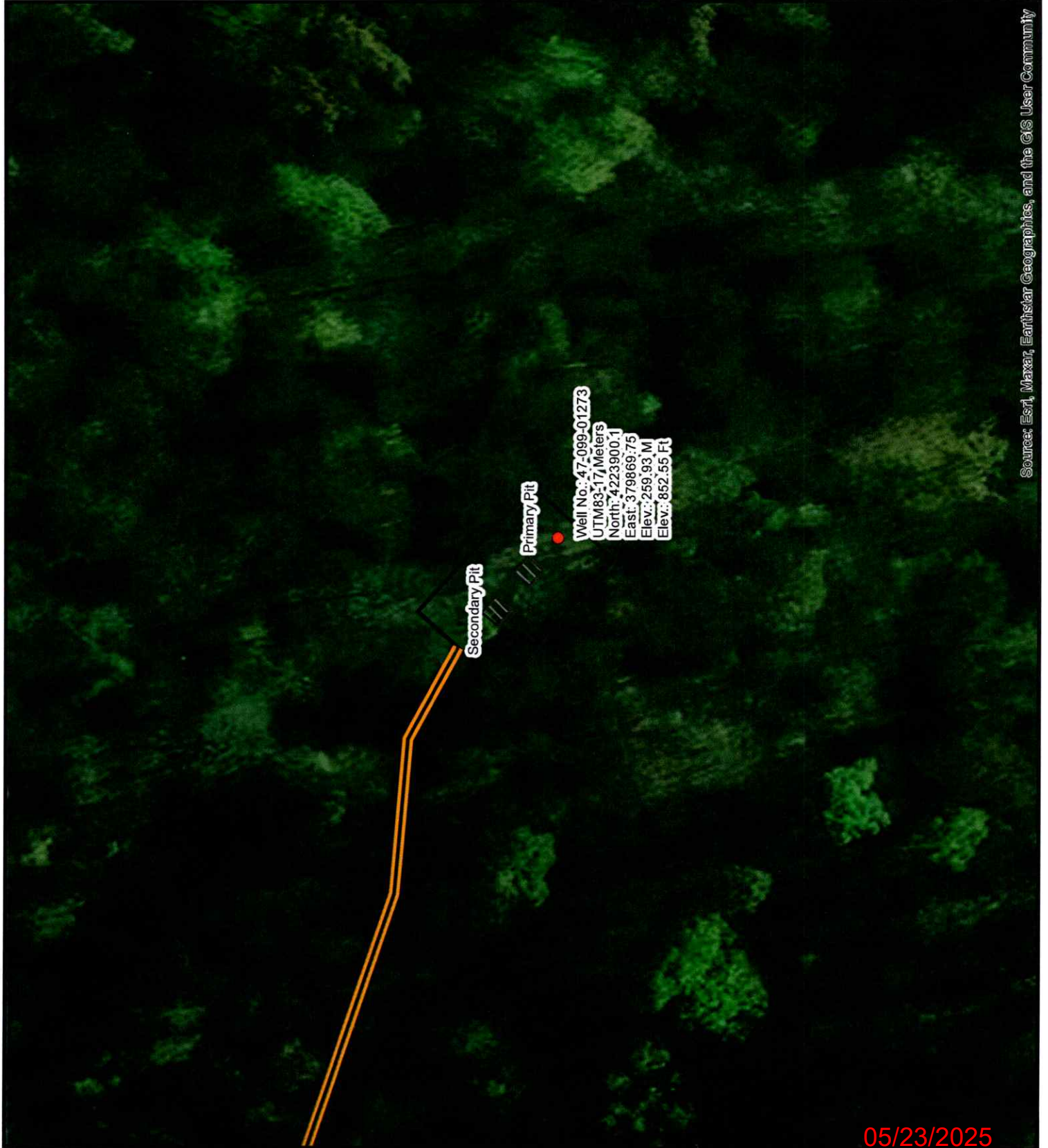
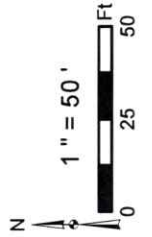
47-099-01273

Well Plugging Map

Legend

- Well
- Access Road
- Pits
- Pad
- Public Roads
- WV Department of Environmental Protection

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

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

47-099-01273

Well Plugging Map

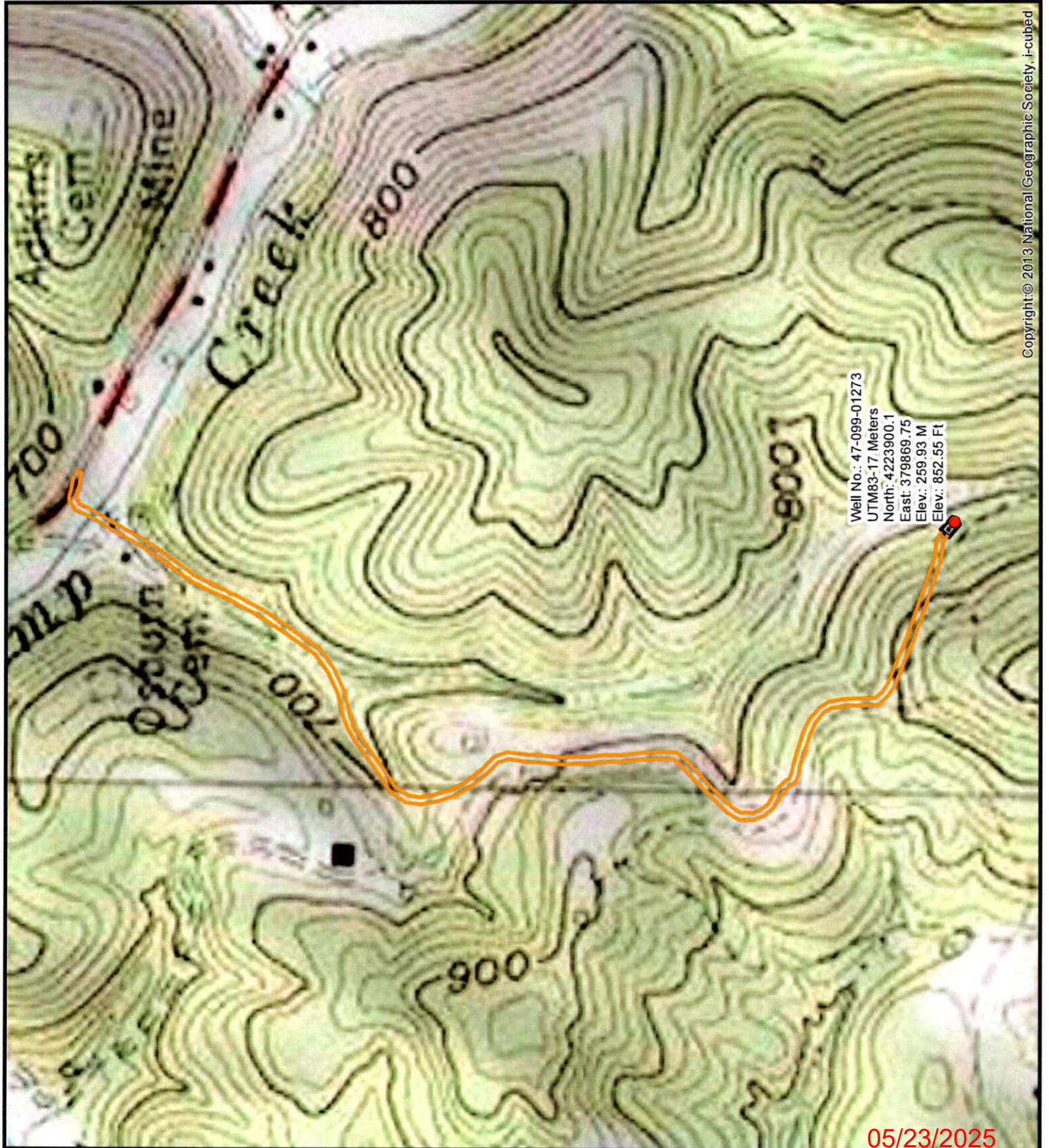
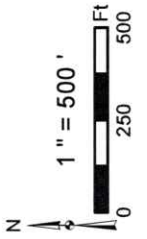
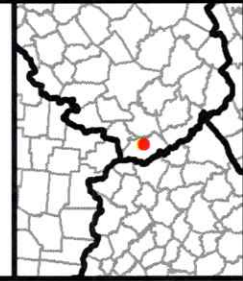
Legend

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

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WW-7
8-30-06



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

API: 4709901273 WELL NO.: HOARD-BALDWIN #56
FARM NAME: Hoard-Baldwin
RESPONSIBLE PARTY NAME: Diversified Production, LLC
COUNTY: Wayne DISTRICT: Stonewall
QUADRANGLE: Nestlow 7.5'
SURFACE OWNER: Lovella Fry & Andrew J. Fry Jr. % Edward Castagna Trustee
ROYALTY OWNER: Owens, Libbey-Owens
UTM GPS NORTHING: 4223900.1
UTM GPS EASTING: 379869.75 GPS ELEVATION: 852.55

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

4/2/2025
Date

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

THOMAS SWINDELL
INSPECTOR'S WELL REPORT

Permit No. WAY-1273

Oil or Gas Well 56
(KIND)

Company Owens Libby Owens Gas Dept.

P.O. Box 4168

Address Charleston 4, W. Va.

Farm Hoard-Baldwin

Well No. 56

District Stonewall County Wayne

Drilling commenced 4-2-60

Drilling completed Total depth

Date shot Depth of shot

Initial open flow /10ths Water in Inch

Open flow after tubing /10ths Merc. in Inch

Volume Cu. Ft.

Rock pressure lbs. hrs.

Oil bbls., 1st 24 hrs.

Fresh water feet feet

Salt water feet feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10	14' (wood)		Size of
8 1/2			
6 1/2			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED	SIZE	No. FT.	Date
COAL WAS ENCOUNTERED AT	FEET	INCHES	
	FEET	INCHES	
	FEET	INCHES	

Drillers' Names Homer Yeager

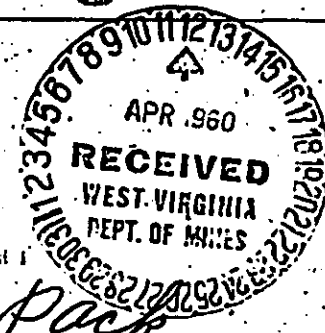
Fred Lusher

Remarks: Fishing for tools @ 160'.
E. J. Elkins, drilling contractor

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4/6/60

DATE

DISTRICT WELL INSPECTOR

05/23/2025

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

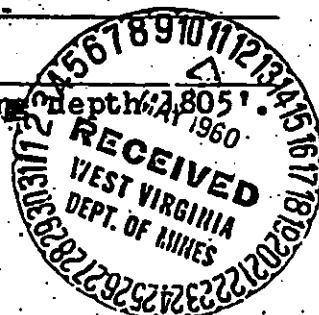
INSPECTOR'S WELL REPORT

Permit No. WAY-1273Oil or Gas Well 56-S-1094
(KIND)

Company <u>Owens Libby Owens Gas Dept.</u>		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>P.O. Box 4168</u>		Size			
Address <u>Charleston, W. Va.</u>		16			Kind of Packer
Farm <u>Hoard-Baldwin, Tr. #2</u>		13			
Well No. <u>56-S-1094</u>		10	<u>10" (wood)</u>		Size of
District <u>Stonewall</u>	County <u>Wayne</u>	8 3/4	<u>373'</u>		
Drilling commenced		6 1/2	<u>1283' 7"</u>		Depth set
Drilling completed	Total depth	3			Perf. top
Date shot	Depth of shot	2			Perf. bottom
Initial open flow	/10ths Water in	Liners Used			Perf. top
Open flow after tubing	/10ths Merc. in				Perf. bottom
Volume	Cu. Ft.	CASING CEMENTED			
Rock pressure	lbs.	SIZE			
Oil	bbls., 1st 24 hrs.	No. FT.			
Fresh water	none	Date			
Salt water	895	COAL WAS ENCOUNTERED AT <u>331</u> FEET <u>60</u> INCHES			
		FEET INCHES FEET INCHES			
		FEET INCHES FEET INCHES			

Drillers' Names Harry BarnettAlferd MillerRemarks: Salt Sand 750'-1120'; Big Lime 1270'-1422'; drilling depth 1485'
E. J. Elkins, drilling contractor.RECEIVED
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5-6-60

DATE

J.W. Pack

DISTRICT WELL INSPECTOR

05/23/2025

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1273

Oil or Gas Well Gas
(KIND)

Company <u>Owens-Libby Owens-Gas Dept.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>P.O. Box 4168</u>	Size			
<u>Charleston, West Va.</u>	16			Kind of Packer
Farm <u>Hoard-Baldwin</u>	13			
Well No. <u>56-S-1094</u>	10	10" (wood)		Size of
District <u>Stonewall</u> County <u>Wayne</u>	8 3/4	373'		Depth set
Drilling commenced	6 3/4	1283' 7"		
Drilling completed <u>5/20/60</u> Total depth <u>3006'</u>	5 3/16			Perf. top
Date shot <u>5/24/60</u> Depth of shot <u>3006'</u>	3			Perf. bottom
Initial open flow <u>40</u> /10ths Water in <u>3/8" plate</u>	2			Perf. top
Open flow after tubing /10ths Merc. in. Inch				Perf. bottom
Volume Cu. Ft.	CASING CEMENTED	SIZE	No. FT.	Date
Rock pressure lbs. hrs.				
Oil bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>331</u> FEET <u>60</u> INCHES			
Fresh water <u>none</u> feet feet	FEET INCHES FEET INCHES			
Salt water <u>875</u> feet feet	FEET INCHES FEET INCHES			

Drillers' Names Harry Barnett

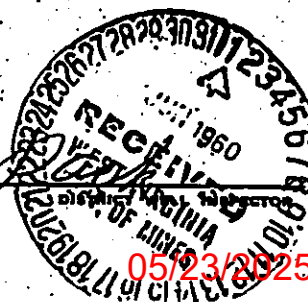
Albert Miller

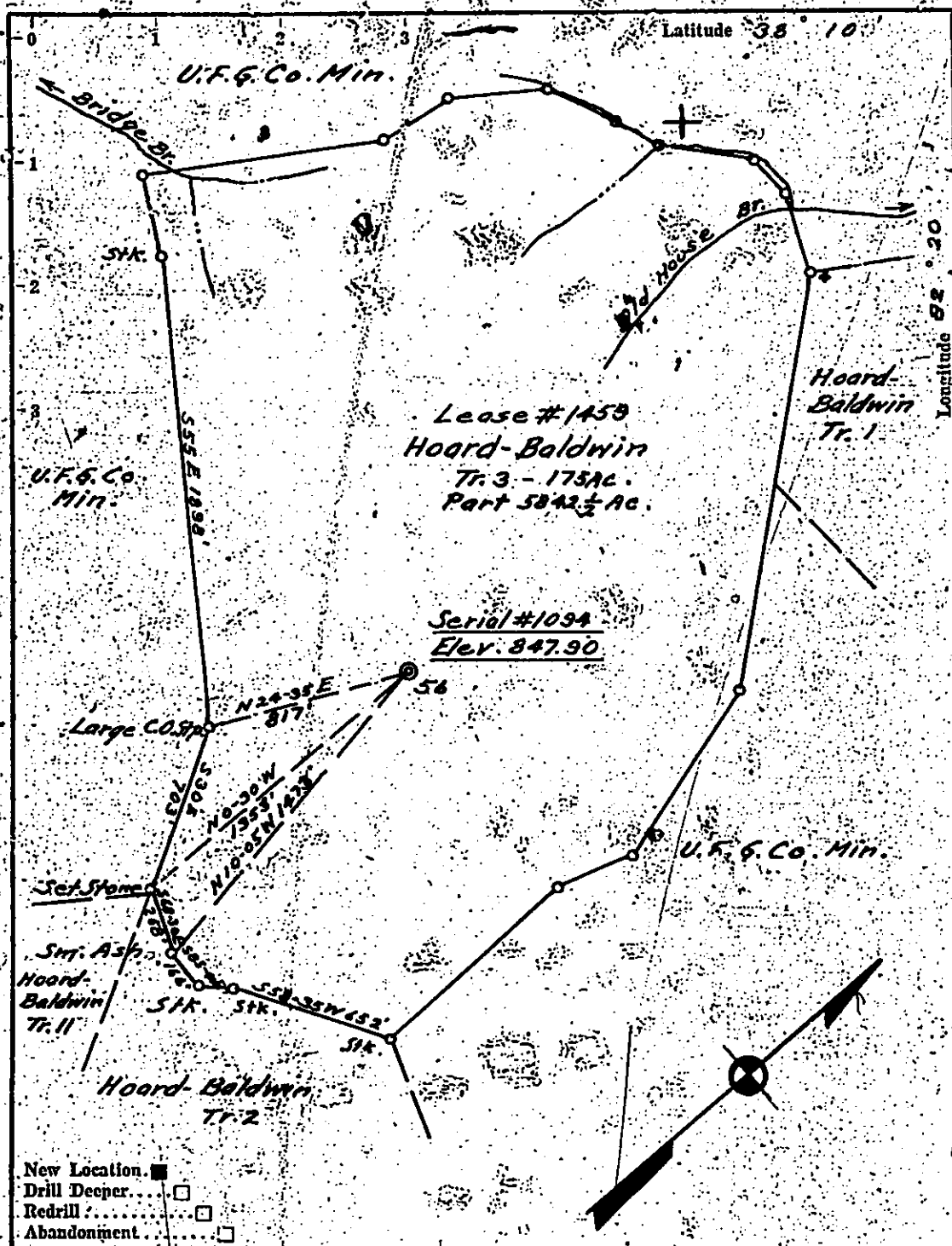
Remarks: Open flow 40/10 Water 5/8" plate; top shot 2529', bottom shot 3006';
Increase after shot 72/10 Water in 1" plate; shot with 4600 Lbs. Trojan Powder
Date of shot - 5-24-60.

5-26-60

DATE

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New Location. ☒
 Drill Deeper. ☐
 Redrill. ☐
 Abandonment. ☐

Company Owens, Libbey-Owens Gas Dept.
 Address Box 4168 Charleston W.Va.
 Farm Hoard-Baldwin
 Tract 3 Acres 175 Lease No. 1459
 Well (Farm) No. 56 Serial No. 1094
 Elevation (Spirit Level) 847.90
 Quadrangle Wayne
 County Wayne District Stonewall
 Engineer T.S. Flourney
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Feb. 15, 1960 Scale 1" = 500 Ft.

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

WELL LOCATION MAP
 FILE NO. WAY-1273

+ 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.

05/23/2025

SURFACE OWNER WAIVER

Operator's Well
Number

HOARD-BALDWIN #56

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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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

05/23/2025

WW-4B

API No. 4709901273
Farm Name Hoard-Baldwin
Well No. HOARD-BALDWIN #56

**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.

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WAIVER

WV Department of
Environmental Protection

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 _____

05/23/2025

11/10/2016

PLUGGING PERMIT CHECKLIST
4709901273

Plugging Permit

- ☐ WW-4B
- ☐ WW-4B signed by inspector
- ☐ WW-4A
- ☐ SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☐ COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☐ WW-9 PAGE 1 (NOTARIZED)
- ☐ WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- ☐ WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- ☐ RECENT MYLAR PLAT OR WW-7
- ☐ WELL RECORDS/COMPLETION REPORT
- ☐ TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- ☐ MUST HAVE VALID BOND IN OPERATOR'S NAME
- ☐ CHECK FOR \$100 IF PIT IS USED

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

plugging permit issued 4709901273

1 message

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

Fri, May 16, 2025 at 2:45 PM

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

to whom it may concern, a plugging permit has been issued for 4709901273.

--

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



4709901273.pdf

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05/23/2025