



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

Monday, January 8, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 4928
47-041-02281-00-00

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: LEWIS COUNTY POOR FARM
U.S. WELL NUMBER: 47-041-02281-00-00
Vertical Plugging
Date Issued: 1/8/2024

Promoting a healthy environment.

01/12/2024

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 November 28, 2023
2) Operator's
Well No. 4928
3) API Well No. 47-041-02281

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 1219.2' Watershed Grass Run
District Hackers Creek County Lewis Quadrangle Weston 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 Kenneth Greynolds Name Next LVL Energy (Diversified Owned)
Address 613 Broad Run Rd. Address 104 Helliport Loop Rd
Jane Lew, WV 26378 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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Office of Oil and Gas
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WV Department of
Environmental Protection

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

Work order approved by inspector Kenneth Greynolds Date _____

Digitally signed by Kenneth Greynolds
DN: cn = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov c = AD O = WVDEP OU = Oil and Gas
Date: 2023.12.11 09:51:52 -0500

PLUGGING PROGNOSIS

West Virginia, Lewis County
API # 47-041-02281

Casing Schedule

8-1/4" csg @ 611' (no cement or packer data)
7" csg @ 1745' (no cement or packer data)
5-1/2" csg @ 3070' (no cement or packer data)
3" tbg @ 4609' (Wall and Anchor packer at 2492' (8-1/4"x7"))
Left on bottom:
7' of 2" tbg
7' of 3" tbg

TD @ 4556'

Completion: perfs on bottom two joints of 3" tbg

Fresh Water: None Reported

Saltwater: 790'; 945'; 1725'; 2100'; 4494'-4516'

Coal: 35'-40'

Oil Show: 1793'

Gas Show: 2539'; 4510'; 4524'

Elevation: 1193'

1. Notify inspector, Ken Greynolds @ (304) 206-6613, 48 hrs. prior to commencing operations.
2. Check wellhead pressure and tag TD w/ wireline.
3. Run in to depth @ 4540'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 200' Class L cement plug from 4540' to 4340' (completion, saltwater and gas show plug). Tag TOC. Top off as needed.
4. Pump 6% bentonite gel between all plugs.
5. Free point 3" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Set 100' plug across casing shoe if all of 5-3/16" casing isn't completely removed. Do not omit any plugs listed below. Perforate as needed.
6. TOOH w/ tbg to 2660'. Pump 100' Class L Cement plug from 3120' to 3020' (5-1/2" csg shoe plug)
7. Free point 5-1/2" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Set 100' plug across casing shoe if all of 6-5/8" casing isn't completely removed. Do not omit any plugs listed below. Perforate as needed.
8. TOOH w/ tbg to 2539'. Pump 100' Class L Cement plug from 2539' to 2439' (gas show plug)
9. TOOH w/ tbg to 2150'. Pump 100' Class L Cement plug from 2150' to 2050' (saltwater plug)
10. TOOH w/ tbg to 1843'. Pump 168' Class L Cement plug from 1843' to 1675' (saltwater, oil show and 7" csg shoe plug)

Kenneth Greynolds

Digitally signed by: Kenneth Greynolds
DN: CN = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov C = AD O = WVDEP OU = Oil and Gas
Date: 2023.12.11 09:54:42 -0500

01/12/2024

11. Free point 7" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. **Set 100' plug across casing shoe if all of 10" casing isn't completely removed. Do not omit any plugs listed below. Perforate as needed.**
12. TOOH w/ tbg to 1243'. Pump 682' Class L Cement plug from 1243' to 561' (saltwater, oil show and 7" csg shoe plug)
13. Free point 8-1/4" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. **Set 100' plug across casing shoe if all of 10" casing isn't completely removed. Do not omit any plugs listed below. Perforate as needed.**
14. TOOH w/ tbg to 100'. Pump 100' *Expandable Class L* cement plug from 100' to Surface. (Coal and Surface plug).
15. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Kenneth Greynolds

Digitally signed by: Kenneth Greynolds
DN: CN = Kenneth Greynolds email = Kenneth.
L Greynolds@wv.gov C = AD.O = WVDEP.OU =
Oil and Gas
Date: 2023.12.11 09:55:11 -0500

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DEC 13 2023
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Environmental Protection

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... information received from ... Dept.

HOPE NATURAL GAS COMPANY.

Well No. 4928.

Lewis County Poor Farm.

Weston District.

Formation	Top	Bottom	Remarks
Began drilling on this well at 3039 feet.			
Dark Lime	3039	3087	
Slate & Shells	3087	3100	
White Sand (No name)	3100	3114	
Drilling at	----	3120	Week ending February 1, 1918.
White Sand	3114	3132	
Black Slate	3132	3137	
Gray Lime	3137	3157	
Slate	3157	3160	
Dark Lime	3160	3229	
Slate	3229	3249	
White Lime	3249	3257	
Dark Slate	3257	3271	
White Lime	3271	3289	
Slate	3289	3296	
Drilling at	----	3300	Week ending February 8, 1918.
Dark Lime	3296	3311	
Dark Slate	3311	3320	
Gray Lime	3320	3327	
Slate	3327	3332	
Dark Lime	3332	3345	
Dark Slate	3345	3358	
Slate & Shells	3358	3379	
Gray Lime	3379	3470	
Dark Lime	3470	3534	
Slate & Shells	3534	3565	
Dark Sand	3565	3576	
Dark Lime	3576	----	
Drilling at	----	3580	Week ending February 15, 1918.
Slate & Shells	3534	3546	
Lime	3546	3668	
Slate	3668	3679	
Lime	3679	3691	
Slate	3691	3700	
Dark Lime	3700	3764	
White Slate	3764	3778	
Dark Lime	3778	3786	
Dark Slate	3786	3820	
Dark Lime	3820	----	
Drilling at	----	3842	Week ending February 22, 1918.
Lime	3820	3890	
Slate	3890	3894	
White Lime	3894	3915	
Slate & Shells	3915	3960	
Hard Lime	3960	3975	
Slate	3975	3981	
Lime	3981	3990	
Dark Slate	3990	4004	
White Lime	4004	4014	
Dark Slate	4014	4021	
Dark Lime	4021	4440	
White Slate	4440	4049	
Dark Lime	4049	4100	
Dark Lime	4100	----	
Drilling at	----	4105	Week ending March 1, 1918.
Hard Lime	4104	4120	
Dark Slate	4120	4127	
Gray Lime	4127	4152	
Slate & Shells	4152	----	
Drilling at	----	4155	Week ending March 7, 1918.

HOPE NATURAL GAS COMPANY.

Well No. 4928-#2.

Lewis County Poor Farm.

Weston District.

Formation	Top	Bottom	Remarks
Gray Lime	4127	4152	
Slate & Shells	4152	4206	
White Lime	4206	4234	
Slate & Shells	4234	4272	
Hard Lime	4272	4330	
Dark Slate	4330	4334	
Lime	4334	4346	
Slate	4346	----	
Drilling at	----	4430	Week ending March 14, 1918.
Slate	4396	4430	
Slate & Shells	4430	4465	
Shut down for cable.			
Drilling at	----	4465	Week ending March 21, 1918.
Slate & Shells	4346	4478	
Lime	4478	4494	
Sand (No name)	4494	4512 Pencil Cave	24/10 Water thru 1" opening.
Slate	4512	4516 Big Lime	
Slate & Shells	4516	4556	
Drilling completed at	----	4556	Week ending March 28, 1918.

F I N A L

APR 1 2024

WW-4A
Revised 6-07

1) Date: 11/28/2023
2) Operator's Well Number 4928

3) API Well No.: 47 - 041 - 02281

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

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Walter S. Stalnaker</u> Address <u>509 Relax Inn Dr.</u> <u>Weston, WV 26452</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p> <p>6) Inspector <u>Kenneth Greynolds</u> Address <u>613 Broad Run Rd.</u> <u>Jane Lew, WV 26378</u> Telephone <u>(681) 990-6948</u></p>	<p>5) (a) Coal Operator</p> <p>Name _____ Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Walter S. Stalnaker</u> Address <u>509 Relax Inn Dr.</u> <u>Weston, WV 26452</u></p> <p>Name <u>Blaze Minerals, LLC</u> Address <u>520 Folly Rd. Suite P285</u> <u>Charleston, SC 29412</u></p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____ Address _____</p>
--	--

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Diversified Production, LLC
 By: Chris Veazey *Chris Veazey*
 Its: Permitting Supervisor
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707

Subscribed and sworn before me this 28th day of November
Jeffrey Bush
 My Commission Expires September 28, 2028



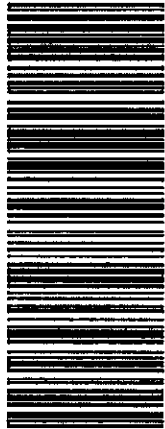
Oil and Gas Privacy Notice

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.

01/12/2024

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

USPS CERTIFIED MAIL™



9407 1361 0544 2734 9475 58



WALTER S STALNAKER
509 RELAX INN DR
WESTON WV 26452-7595

US POSTAGE AND FEES PAID

2023-11-28

25301

C4000004

Retail

5.0 OZPLAT



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WESTON WV

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

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BLAZE MINERALS LLC
520 FOLLY RD SUITE P285
WESTON WV 26452

US POSTAGE AND FEES PAID

2023-11-28

25301

C4000004

Retail

5.0 OZ FLAT

DEC 18 2023



0901000008714

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WW-9
(5/16)

API Number 47 - 041 - 02281
Operator's Well No. 4928

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) Grass Run Quadrangle Weston 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 Manager Plugging Operations

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WV Department of
Environmental Protection

Subscribed and sworn before me this 28th day of November, 2023

Jeffrey Bush
My commission expires September 28, 2028



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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount TBD 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	Alsike Clover	5
Annual Rye	15		

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Kenneth Greynolds

Digitally signed by Kenneth Greynolds
DN: CN = Kenneth Greynolds, email = Kenneth.L.Greynolds@wv.gov, C = AD, O = WVDEP, OU = Oil and Gas
Date: 2023.12.11 09:53:06 -05'00'

Comments:

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Oil and Gas
DEC 13 2023

Title: Date:

Field Reviewed? () Yes () No



DIVERSIFIED
energy

Date: 11/28/2023

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 4704102281 Well Name 4928

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

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

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WV Department of
Environmental Protection



west virginia department of environmental protection

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

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

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4)
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-13

DEC 18 2023

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OF THE STATE OF WEST VIRGINIA



James Martin, Chief
Office of Oil and Gas

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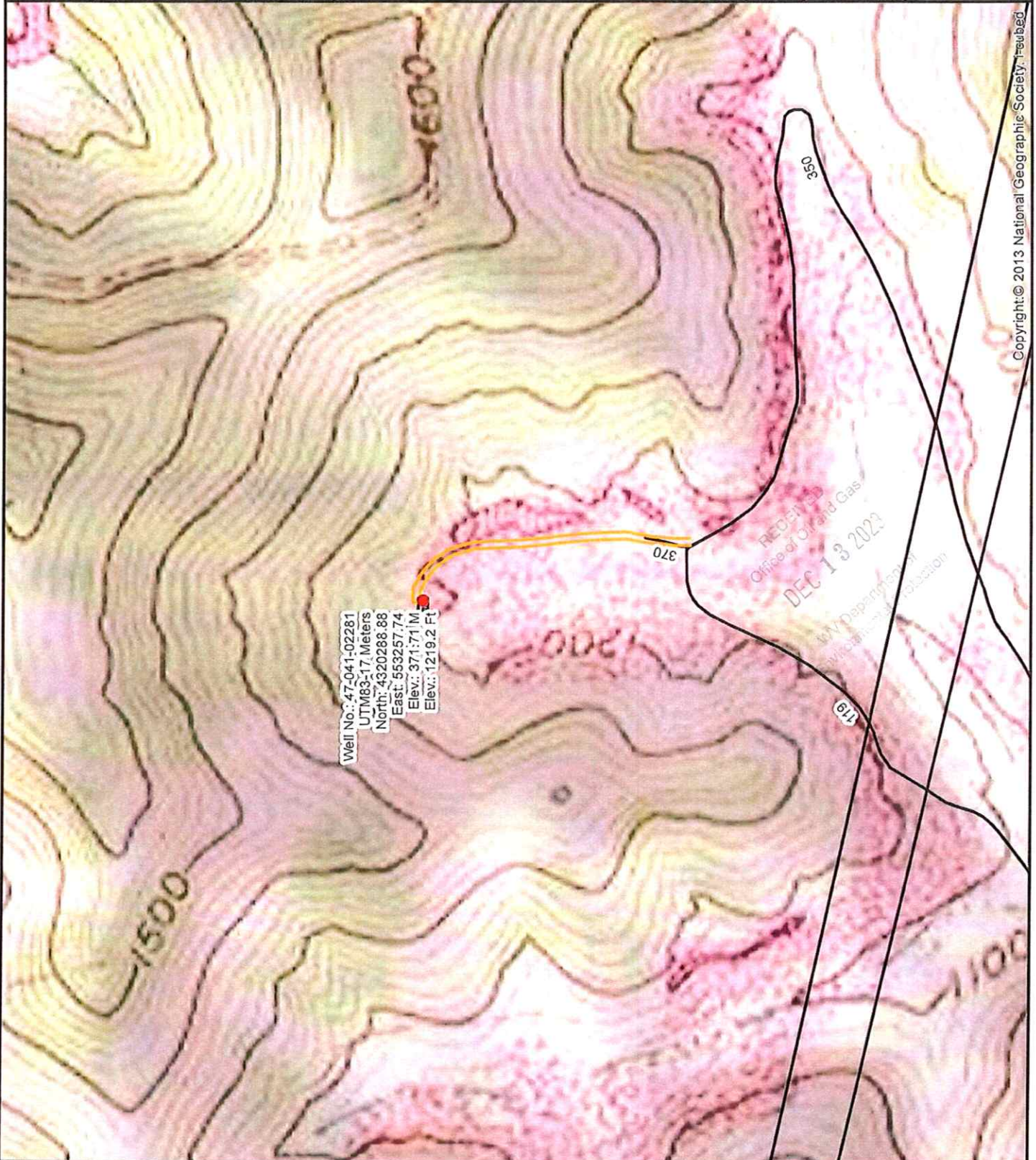
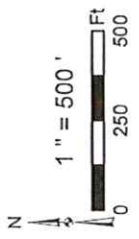
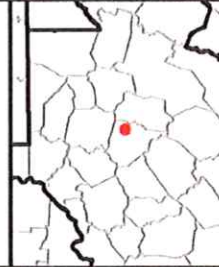
Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville KY, 41051

47-041-02281

Plugging Map

Legend

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



Well No.: 47-041-02281
UTM83-17 Meters
North: 4320288.88
East: 563257.74
Elev.: 371.71 M
Elev.: 1219.2 FT

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WV Department of
Environmental Protection

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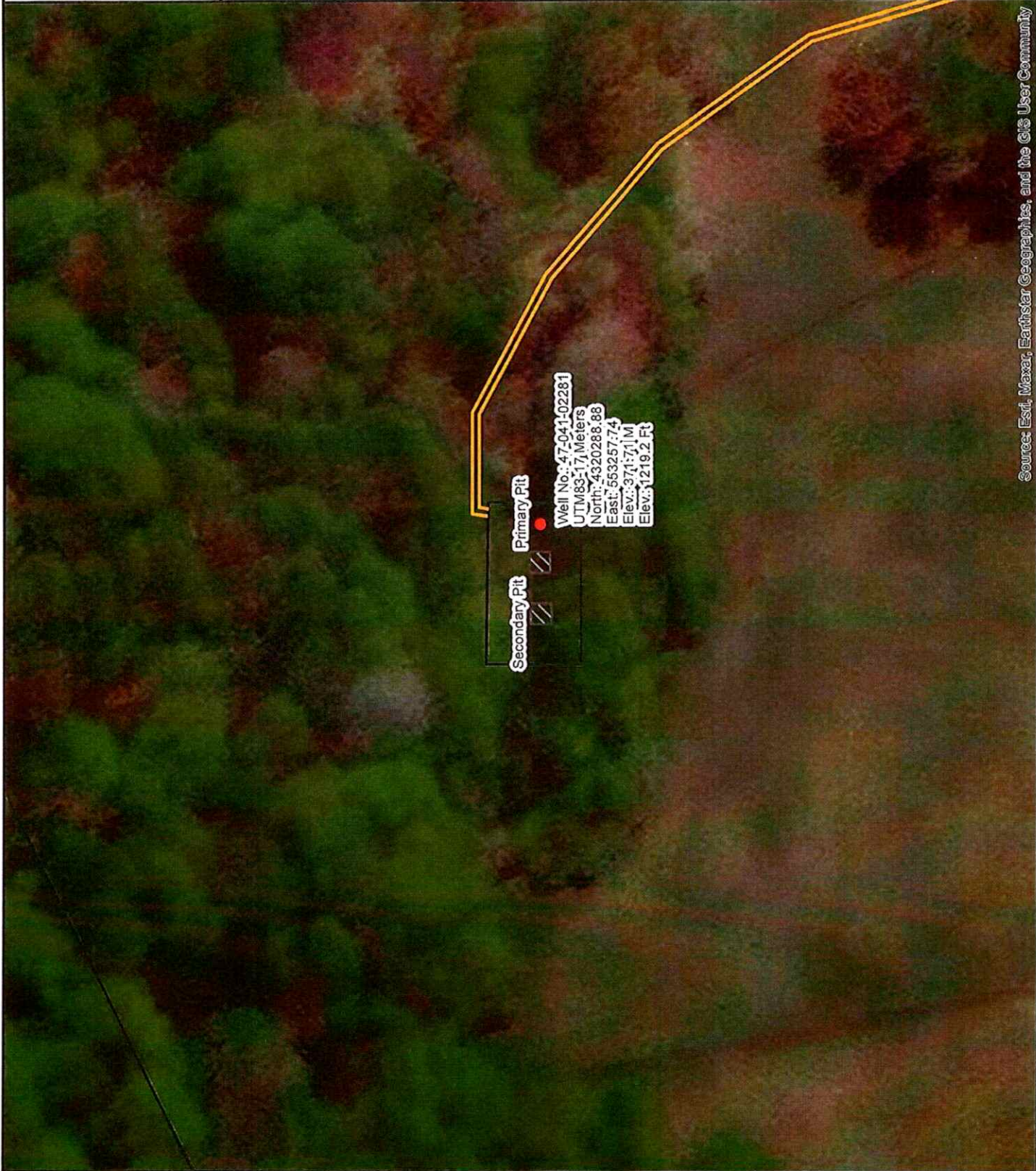
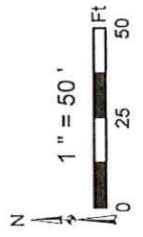
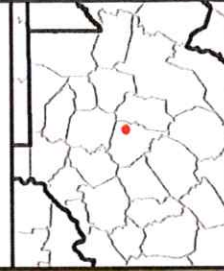
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-041-02281

Plugging Map

Legend

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



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

WW-7
8-30-06



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

API: 4704102281 WELL NO.: 4928

FARM NAME: Lewis County Poor Farm

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Lewis DISTRICT: Hackers Creek

QUADRANGLE: Weston 7.5'

SURFACE OWNER: Walter S. Stalnaker

ROYALTY OWNER: Katherine Leggett, Adele McDougal, B. Huff Family Trust, Anita Greer, Suzanno Kingsley, Mark McKain, Debra Huff

UTM GPS NORTHING: 4320288.88

UTM GPS EASTING: 553257.74 GPS ELEVATION: 1219.2'

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.

Chris Veazey
Signature

Chris Veazey - Permitting Supervisor
Title

11/28/23
Date

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Office of Oil and Gas
DEC 13 2023
WV Department of Environmental Protection

Form 111
 Record of Hope Nat Gas Co Company
 Well No. 17928 District Kauai
 Located on Levi's Co Foot Farm Farm
 District Hickam County Levi State H.W.

DEC 20 1917

Location Made 6/16 - 1917 First Work Done Aug 3 - 1917
 Rig Commenced July 17 - 1917 Rig Completed July 3 - 1917
 Drilling Commenced Sept 17 - 1917 Drilling Completed Dec 16 - 1917
 Rig Contractor W. H. Watson Drilling Contractor Ward & Davis
 Drillers O. L. Anderson No. 1 & 2, Co. 1916, 1917
 Tool Dresser W. H. Watson Harlow Redburn

FORMATION	TOP	BOTTOM	Bed Log Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal	35	110					
Pittsburg Coal							
Little Dunkard	273	2750					
Dig Dunkard	570	570					
Gas Sand	1010	1195					
First Salt	1790	1810		1790			1. Water for water
Second Salt	2435	2450		2435			"
Mazon	11280	1310					
Little Linc	1620	1686					
Penell Cove	1695	1660					
McC Line	1460	1710					
McC Injun	1710	1835		1725	1799		1.5' Water for water 710 20 1 1/2
Squaw							
Retra							
Gamb							
Fifty Foot	2090	2150		2100			1. Water for water
Thirty Foot	2150	2200					
Gordon Slaty							
Gordon	2375	2400					
Fourth	2159	2159					Hope W 17
Fifth							
Sixth	2185	2185					
Total Depth		5039					

SIZE	Cased to Well		Packed Out		Packed in Well		Transferred Before Completion		Left in Use		REMARKS
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
1 1/2" Dia	191	4	157		157				24	4	1 1/2" 155
2" Dia	1145	6	707		707		273		69	6	10 6"
2 1/2" Dia	2176	7	1725		1725		2447		87	7	1730
3" Dia	2176	3							16	3	

DATE	KIND	Amount Added	Amount Above Added	REMARKS
	Oil on pipe			
	Small 1/2" pack			

DATE	TIME	Shot	Amount	Remarks
				NOT DONE

DATE CEMENTED	TYPE	AMOUNT	REMARKS
	Not Cemented		

Approved by W. H. Watson Foreman

01/12/2024

1827-128
 4928
 NAME: *Washburn Creek*
 DISTRICT: *12* W. ACRES: *350* N. V. C. 30-12
 LEASE NO. *26606* RECORD NO. *350*

FORMATION	TOP	BOTTOM	OIL AT	GLASS	WATER AT	WELL ON BALT	SIZE	PUT IN WELL	CASING AND TUBING	DATE
Perforated Cast	<i>Below</i>						15" Casing	157	157	1917
Dunbar Sand	435	590					16" Casing	462	462	1917
Salt Sand	790	950		790			21" Casing	1745	1745	1917
Marine Sand	1280	1310		945			24" Casing	5070	5070	1917
Injua Sand	1710	1135	1193	1725			24" Casing	4495	4495	1917
Steele Sand							3" Tubing	79	79	1917
Washburn Sand	2090	2150		2100			3" Tubing	4550	4550	1917
1700' Foot Sand	2480	2700								
Thirty Feet Sand										
Boyer Sand	2375	2450								
Quinn Sand	2439	2459								
Fourth Sand										
First Sand	2535	2545		2539						
Second Sand	2508	2526		2524						
Number										
Oil Depth	3039									
Elevation	4057									

DATE TAKEN	LIQUID	DRYING	SUBSIDIARY	MIN.	1 MIN.	10 MIN.	30 MIN.	60 MIN.	90 MIN.	100 MIN.	VOLUME	PACKERS	DATE	WELL
Oct. 13 1917	10/10										150,370	Legum	1917	128
Nov. 3	10/10										35,760	Legum	1917	128
Nov. 26	10/10										71,080	Legum	1917	128
Nov. 28	10/10										28,997	Legum	1917	128
Nov. 14	10/10										204,000	Legum	1917	128
Nov. 15	10/10										24,420	Legum	1917	128
Nov. 26	10/10										27,980	Legum	1917	128
Nov. 27	10/10										35,579	Legum	1917	128
Nov. 29	10/10										55,452	Legum	1917	128
Nov. 28	10/10										56,452	Legum	1917	128
Nov. 12	10/10										51,087	Legum	1917	128
Nov. 15	10/10										47,629	Legum	1917	128
Nov. 28	10/10										46,784	Legum	1917	128
Nov. 4	10/10										49,921	Legum	1917	128
Nov. 4	10/10										47,629	Legum	1917	128

Hope Natural Gas Company

REPAIR RECORD

Well No. 4928 Kanawha District
 Farm Name Lewis County Poor Farm N 30 E 18 W
 Date First Work Done 6-5-46 Nature of Work Clean out
 Commenced: 7-11-46 Completed: 8-4-47
 Cleaning Out 2-4-47
 Drilling Deeper _____
 Abandoning _____

CASING AND TUBING RECORD

Size	Before Repair		Failed		Part In Well		After Repair		Size
	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	
8"	611		None		None		611		8"
7"	1745		"		"		1745		7"
5 1/2"	3070		"		"		3070		5 1/2"
2"	4495		4488		None		4602		2"
3"	79		72		4550		4602		3"

SHOOTING RECORD (Show If Open Shot or Temp'd Shot)

Date	Charge	Top of Shot	Bottom of Shot	Diameter	Shot	TEST BEFORE SHOT			TEST AFTER SHOT			By Whom Shot	
						Reading	Liquid	Opening	Reading	Liquid	Opening		
	Not shot												

021-3056

RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Oil at	Gas at
Commenced drilling at depth of _____				
Started fishing tubing July 11 and fished out tubing to 4550' unable to get the balance of 7' of 2" and 7' of 3" which is in bottom of hole - well was cased at total depth _____				
			4550'	
Total Depth				

PACKER RECORD

Size	Kind	Set At (Steel Line)
5 1/2 x 3	Wall & Ano	4308
PACKER PULLED		
5 x 2	Junked.	Kind Ano.
OIL PRODUCTION		
Estimated	144 per day	Shot
CLARKSBURG OFFICE FILES		
Repair Card	<i>[Signature]</i> 2/7/47	
Well Card		
Name Book		
Well Map		
Map Sheets		

VOLUME AND PRESSURE REPORT

BEFORE CLEANING OUT (Take Test When Ready to Clean Out)

Date of Test	Flow Meter or Open Flow	Reading	PILOT TUBE		CUBIC FEET	Sand Gas From	Time Spent
			Liquid Used	Opening			
5-12-46	P.M.	40/10	Water	1"	47.6	Benson.	2 hrs.

AFTER CLEANING OUT

Date of Test	Flow Meter or Open Flow	Reading	PILOT TUBE		CUBIC FEET	Sand Gas From	Time Spent
			Liquid Used	Opening			
4-47	P.M.	40/10	Water	1"	47.6	Benson.	30 Hrs

AFTER DRILLING DEEPER

Date of Test	Flow Meter or Open Flow	Reading	PILOT TUBE		CUBIC FEET	Sand Gas From	Time Spent
			Liquid Used	Opening			

PRESSURE TEST

Date of Test	Opening	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	6 Min.	7 Min.	8 Min.	9 Min.	10 Min.	30 Min.	60 Min.	Hrs. Test
4-27	Casing													
	3" tubing	1	3	5	7	8	9	10	12	13	15	43	85	In line

Remarks: 1st. perf. set on bottom - 2nd. perf. 1 ft. above 1st. perf.
 250 Gal. mixed clay on packer.

ORIGINAL - For Land Dept. Only

[Signature]
 District Superintendent

HOPE NATURAL GAS COMPANY

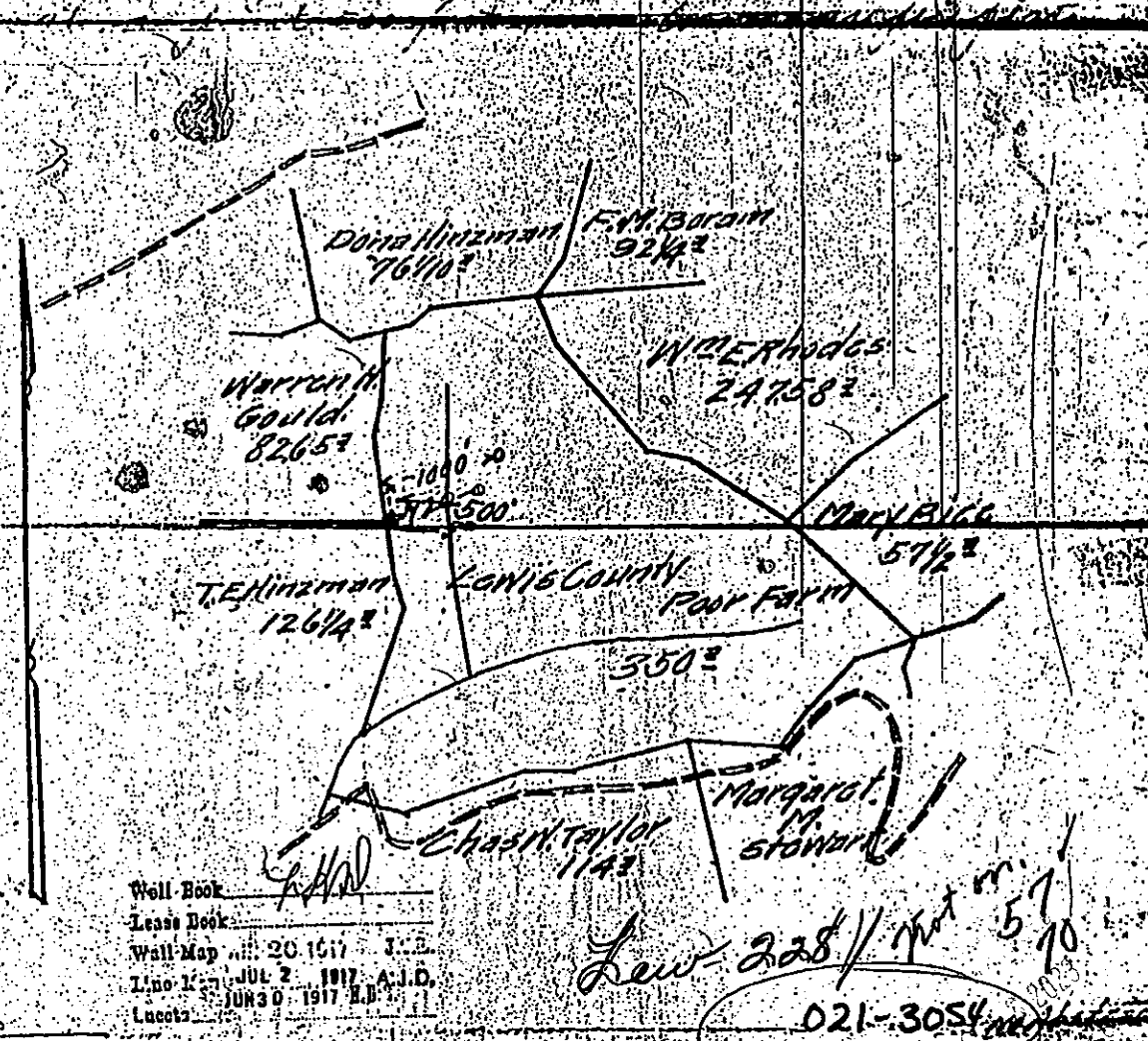
LOCATION FOR WELL No. *4928*

4-11-17
Location *W.*

St. Albans DISTRICT
County, West Virginia

Lease No. *9660* Acres *350* N. *30* E. *12* W.

Scale one inch equals *800* feet. Location made in Pittsburgh *June 5, 1917*
Location to be *1000* feet



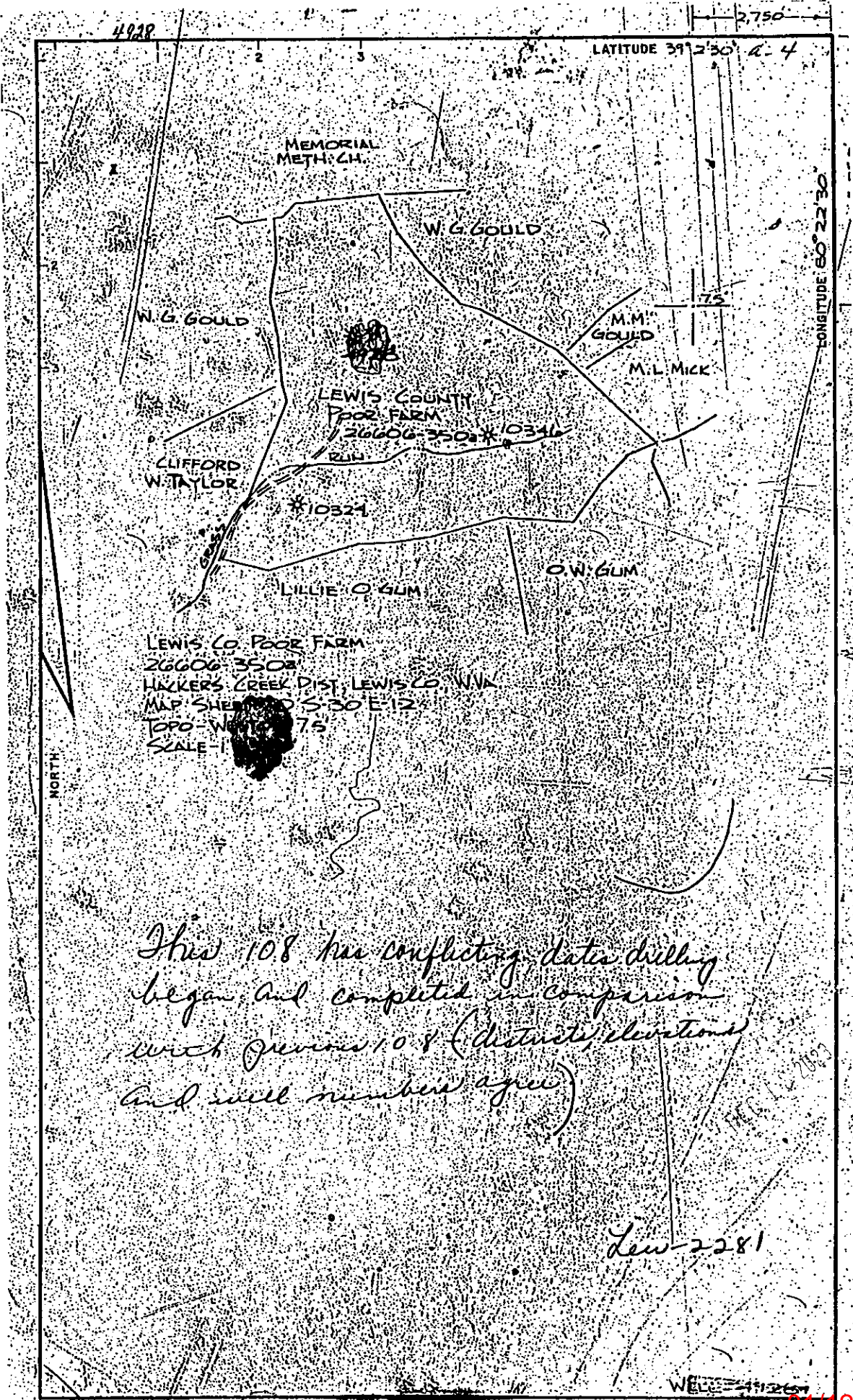
TITLE RESERVE *Four hundred feet*
around the building

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE

Same Lease on which Located Well No.

Location made *6-11-17* by *P.D. Reynolds* per plat, except as noted. On field map *6-15-17* Returned to Pittsburgh *6-15-17*

Location changed on account of *massive error of map*
Authorized by *J.D. Cannon* Date *6-17-17* Signed *W. Bradley*
res



LEWIS CO. POOR FARM
 26606 3508
 HACKERS CREEK DIST. LEWIS CO. WVA
 MAP SHEET 5-30 E-12
 TOPO - WEST 75
 SCALE - 1" = 1 MILE

This 108 has conflicting dates drilling
 began and completed in comparison
 with previous 108 (district, elevations
 and well numbers agree)

Lew-2281

SURFACE OWNER WAIVER

Operator's Well
Number

4928

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

01/12/2024

WW-4B

API No.	<u>4704102281</u>
Farm Name	<u>Lewis County Poor Farm</u>
Well No.	<u>4928</u>

**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 _____

DEC 18 2023

01/12/2024

11/10/2016

PLUGGING PERMIT CHECKLIST
4704102281

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

RECEIVED
Office of Oil and Gas
DEC 13 2023
WV Department of
Environmental Protection

01/12/2024



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

plugging permits have been issued for 4704101551 04105347 04102281 04103839 04100792

1 message

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

Mon, Jan 8, 2024 at 2:03 PM






To: Chris Veazey <CVeazey@dgoc.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, Austin Sutler <asutler@nextlvlenergy.com>, Phyllis Copley <pcopley@dgoc.com>, jbreen@assessor.state.wv.us

To whom it may concern, plugging permits have been issued for 4704101551 04105347 04102281 04103839 04100792.

James Kennedy

WVDEP OOG

5 attachments

-  **4704101551.pdf**
2323K
-  **4704105347.pdf**
2763K
-  **4704103839.pdf**
3232K
-  **4704102281.pdf**
3290K
-  **4704100792.pdf**
3992K

01/12/2024