



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

Thursday, June 13, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for B-5 1183
47-045-00993-00-00

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: LAWSON HEIRS
U.S. WELL NUMBER: 47-045-00993-00-00
Vertical Plugging
Date Issued: 6/13/2024

Promoting a healthy environment.

06/14/2024

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 April 24, 2024
2) Operator's
Well No. LAWSON HEIRS - B-5 1183
3) API Well No. 47-045-00893

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 676.53' Watershed Crawley Creek
District Champanville/Guyan County Logan Quadrangle Chapmanville 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chuck Shafer
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified
Name Alan Warden Alvis Porter 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

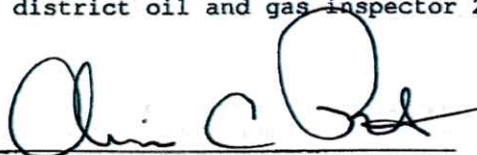
10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached

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

Work order approved by inspector



Date

5-6-24

06/14/2024

Plugging Prognosis

API #: 4704500993

West Virginia, Logan County

Lat/Long: 37.93247, -82.064775

Nearest ER: Logan Regional Medical Center – Emergency Room – 20 Hospital Dr, Logan, WV 25601

Quadrangle_15 – Holden

No Casing, Cementing, or Completion information in well file. Used what information there was from the offset well 4704500994.

Casing Schedule

10-3/4" @ ??' – No Cementing Information

7" @ ???' – No Cementing Information

2" @ ????' – Offset well (4704500994) has packer @ 1030'

TD @ 1842'

Completion

Not provided in well file

Fresh Water: None Reported

Salt Water: None Reported

Gas Shows: 1260'-1283'

Oil Shows: None Reported

Coal: None Reported

Elevation: 860' – Topo Estimation from WVGES website

1. Notify Inspector Christian Porter @ 304-541-0079, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Blow well down. Kill with fluid as necessary.
4. Verify TD w/ wireline/sandline/tbg.
5. Pump 6% bentonite gel in between all cement plugs.
6. TOOH w/ 2" tbg, laying down.
7. Run CBL on 7" csg. Record csg bottom and TOC/free point for later use.
8. TIH w/ tbg to 1842' or 10' above TD. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 30 bbls gel.
9. Pump 1032' Class L cement plug from **1842' to 810' (Bottom Plug, Big Lime, Maxon Sand, & Elevation Plug)**. WOC. Tag TOC. Top off as needed. **Do not omit any plugs listed below. Perforate as needed. Break into multiple plugs as necessary.**
10. TOOH w/ tbg to 810'. Pump 6% bentonite gel spacer to 50' below 7" csg shoe.
11. TOOH w/ tbg to 50' below 7" csg shoe.
12. Pump 100' Class L cement plug **50' below/above 7" csg shoe.**
13. TOOH w/ tbg.
14. Cut 7" csg just above TOC and TOOH if not CTS.

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15. TIH w/ tbg and set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Do not omit any plugs listed below. Perforate as needed.
16. TOOH w/ tbg to top of 7" csg shoe plug. Pump 6% bentonite gel spacer from top of 7" csg shoe plug to either 50' below 10-3/4" csg shoe or 120', whichever is deeper. Perforate as needed.
17. TOOH w/ tbg to 50' below 10-3/4" csg shoe or 120', whichever is deeper. Pump Class L cement plug from 50' below 10-3/4" csg shoe or 120', whichever is deeper, to Surface (Surface Plug). Top off as needed.
18. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

AP

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B-1 045-0993

#1184
045-0993
#1183 Lawson Heirs "B" #5

DINGESS #1

GRAVEL		37
GRAVEL	37	300
SAND	300	400
SALT SAND	400	660
RED ROCK	660	715
SAND	715	775
SLATE & SHELL	775	960
MAXON SAND	960	995
LITTLE LIME	1036	1041
PENCIL CANE	1041	1050
BIG LIME	1050	1283
GAS AT 1260 to 1283		
INJUN SAND	1283	1295
RED ROCK	1295	1310
SLATE & SHELLS	1310	1375
GREY SAND	1375	1475
SLATE, BLACK	1475	1675
SLATE & SHELL	1675	1757
BROWN SHALE	1757	1807
BEREA GRIT SAND	1807	1820
SLATE	1820	1842
TOTAL DEPTH		1842

1947
531,240 net F

DINGESS #2

#1184 Lawson Heirs Inc. #B #6

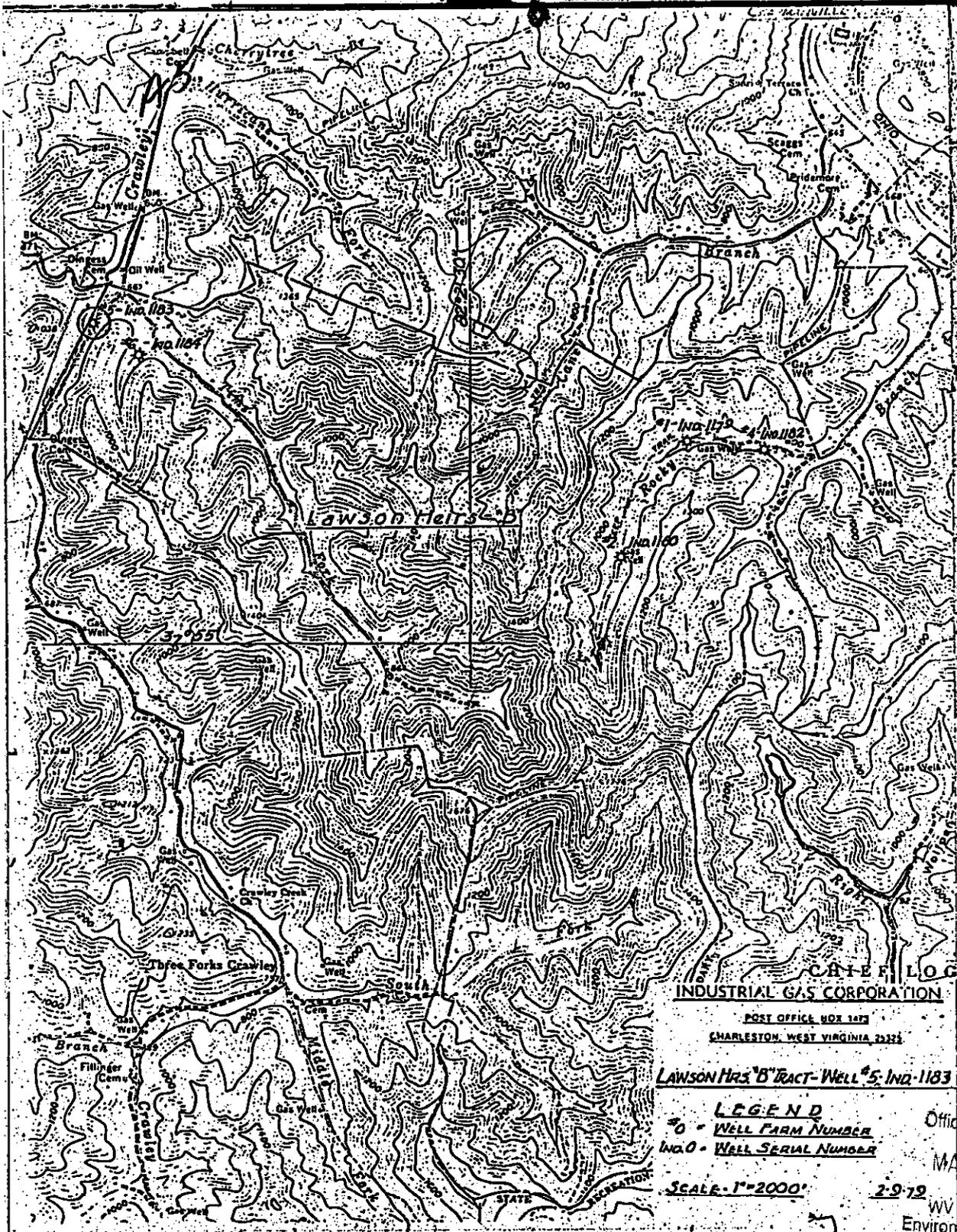
GRAVEL	22	385
SAND	385	645
RED ROCK	645	730
SAND	730	760
SLATE & SHELLS	760	945
MAXON SAND	945	985
WHITE LIME	985	1027
PENCIL CANE	1027	1030
BIG LIME	1030	1250
RED ROCK	1250	1270
TOTAL DEPTH		1263

1947
531,240 net F

TUBING PACKER SET AT 1030

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CARTER LOG
INDUSTRIAL GAS CORPORATION

POST OFFICE BOX 147
CHARLESTON, WEST VIRGINIA 25311

LAWSON HRS 'B' TRACT - WELL #5, IND-1183

LEGEND
#0 - WELL FARM NUMBER
IND-0 - WELL SERIAL NUMBER

SCALE - 1" = 2000'

2-9-79

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1183

06/14/2024

045-0993

#1183 Lawson Heirs "B" #5

DINGESS #1

GRAVEL		37
GRAVEL	37	300
SAND	300	400
SALT SAND	400	660
RED ROCK	660	715
SAND	715	775
SLATE & SHELL	775	960
MAXON SAND	960	995
ITTLE LINE	1036	1041
PENCIL CANE	1041	1050
BIG LINE	1050	1283
GAS AT 1260 to 1283		
INJUN SAND	1283	1295
RED ROCK	1295	1310
SLATE & SHELLS	1310	1375
GREY SAND	1375	1475
SLATE, BLACK	1475	1675
SLATE & SHELL	1675	1757
BROWN SHALE	1757	1807
BEREA GRIT SAND	1807	1820
SLATE	1820	1842
TOTAL DEPTH		1842

open flow 1947
531,270 mcf

#1184 Lawson Heirs Inq. #5

DINGESS #2

GRAVEL	22	385
SAND	385	645
RED ROCK	645	730
SAND	730	760
SLATE & SHELLS	760	945
MAXON SAND	945	983
WHITE LINE	983	1027
PENCIL CANE	1027	1030
BIG LINE	1030	1250
RED ROCK	1250	1270
TOTAL DEPTH		1283

1947
94,360 mcf

TUBING PACKER SET AT 1030

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045-0991

B-2

Sec. # 1184

Owens, Libbey-Owens Gas Dept.
Lawson Heirs Inc. "B" #6-1184
Chapmanville District, Logan County
Well Completed - 1930
Elevation - ?

Casing:
10-3/4"
7"
2"

Tubing packer set at 1030'

Well purchased by OIO 1-30-63

Size of casing obtained from inspection in
June 1962. Information on length of individual
strings not available.

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RECORD OF: New Drilling - Deepening - Repairing

OWENS, LIBBEY OWENS GAS DEPARTMENT

1507 purchased from Cambridge Petroleum, 1-30-63

Lease No. 29 Well No. 5 Tract Lawson Hill, Tr. 5 (10-113-11) Serial Well No. 1123

Map Square 3-104 Acres 3.24.85 District Chapmanville County Logan State W.Va.

Permit No. Elevation Work done by: Drilled by Wiseman Oil & Gas

Driller's Name:

Commenced Rigging Up Well Completed Commenced Drilling Commenced Production Completed Drilling Abandoned

Table with columns: CONDUCTOR, CASING AND TUBING (Size, Weight, Used in Drilling, Lost in Well), PACKERS (Kind, Size, Set), and CLOSED IN-PRESSURE (Casing Head, Casing, Shut-in). Includes data for 1 1/2", 2", 3", 4" casing and packer details.

Shot 19 from to with tamped with Open flow before: MCF; 15 Min. after: MCF; hours after: MCF

OIL WELL Initial test: barrels per flowing: barrels per GAS WELL Open flow: 331 MCF

DRILLERS RECORD + 1 hr. lost in 1962

Table with columns: FORMATION, COLOR, HARDNESS, TOP, BOTTOM, THICKNESS, REMARKS. Lists geological formations like Sand, Shell, Limestone, etc. with associated measurements.

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Test made in 1947 Open flow 521 MCF Test made in August 1962 This well is in the Company of the Market Fuel Meter Assoc. Line pressure of well is 110 psi

DRILLERS' RECORD

FORMATION	COLOR	HARDNESS	TOP	BOTTOM	THICKNESS	REMARKS
						72 hrs work per This well has Fuel meter has
						This well has 7" and 10 3/4"
						22 3" line to the related W/No 127 on Crawley str.
						and 13" tubing land 5 1/2 mft.

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1) Date: 4/24/2024
2) Operator's Well Number LAWSON HEIRS - B-5 1183
3) API Well No.: 47 - 045 - 00993

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>Jonh I. & Brenda L. Carter</u>	Name <u>Not Currently Operated</u>
Address <u>80 Retriever Dr.</u>	Address _____
<u>Chapmanville, WV 25508</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Lawson Heirs Inc.</u>
_____	Address <u>PO Box 648</u>
_____	<u>Wytheville, VA 24382</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Brian Warden</u>	(c) Coal Lessee with Declaration
Address <u>49 Elk Creek Rd.</u>	Name _____
<u>Delbarton, WV 25670</u>	Address _____
Telephone <u>(304) 205-3229</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

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WV Department of Environmental Protection

Subscribed and sworn before me this 24th day of April, 2024
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 depprivacyoffier@wv.gov.

06/14/2024

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

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2024-04-24
25301
C4000004
Retail
5.0 OZFLAT
0901000010715



USPS CERTIFIED MAIL™



9407 1362 0855 1883 6543 95



JOHN I & BRENDA L CARTER
80 RETRIEVER DR
CHAPMANVILLE WV 25508-8522

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

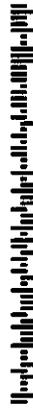
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LAWSON HEIRS INC
PO BOX 648
WYTHEVILLE VA 24382-0648

SURFACE OWNER WAIVER

Operator's Well
Number

LAWSON HEIRS - B-5 1183

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
06/14/2024

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WV Department of Environmental Protection

WW-4B

API No. 4704500993

Farm Name Lawson Heirs

Well No. LAWSON HEIRS - B-5 1183

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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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)Crawley Creek Quadrangle Chapmanville 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 Permitting Supervisor



Subscribed and sworn before me this 24th day of April, 2024

Jeffrey Bush Notary Public

My commission expires September 28, 2028

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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 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	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: *Chris C. [Signature]*

Comments: Operator to cover with cement all oil and gas, elevations, Salt, Coal, and Freshwater formations. The side on the creek in location needs to be double silt fence. Also, proper erosion and sediment control measures need to be in place.

Title: Inspector

Date: 5-6-24

Field Reviewed? Yes No

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DIVERSIFIED
energy

Date: 4/24/2024

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 4704500993 Well Name LAWSON HEIRS - B-5 1183

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

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

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west virginia department of environmental protection

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

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

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

IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4) ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)

REPORT OF THE OFFICE

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

FINDINGS OF FACT

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

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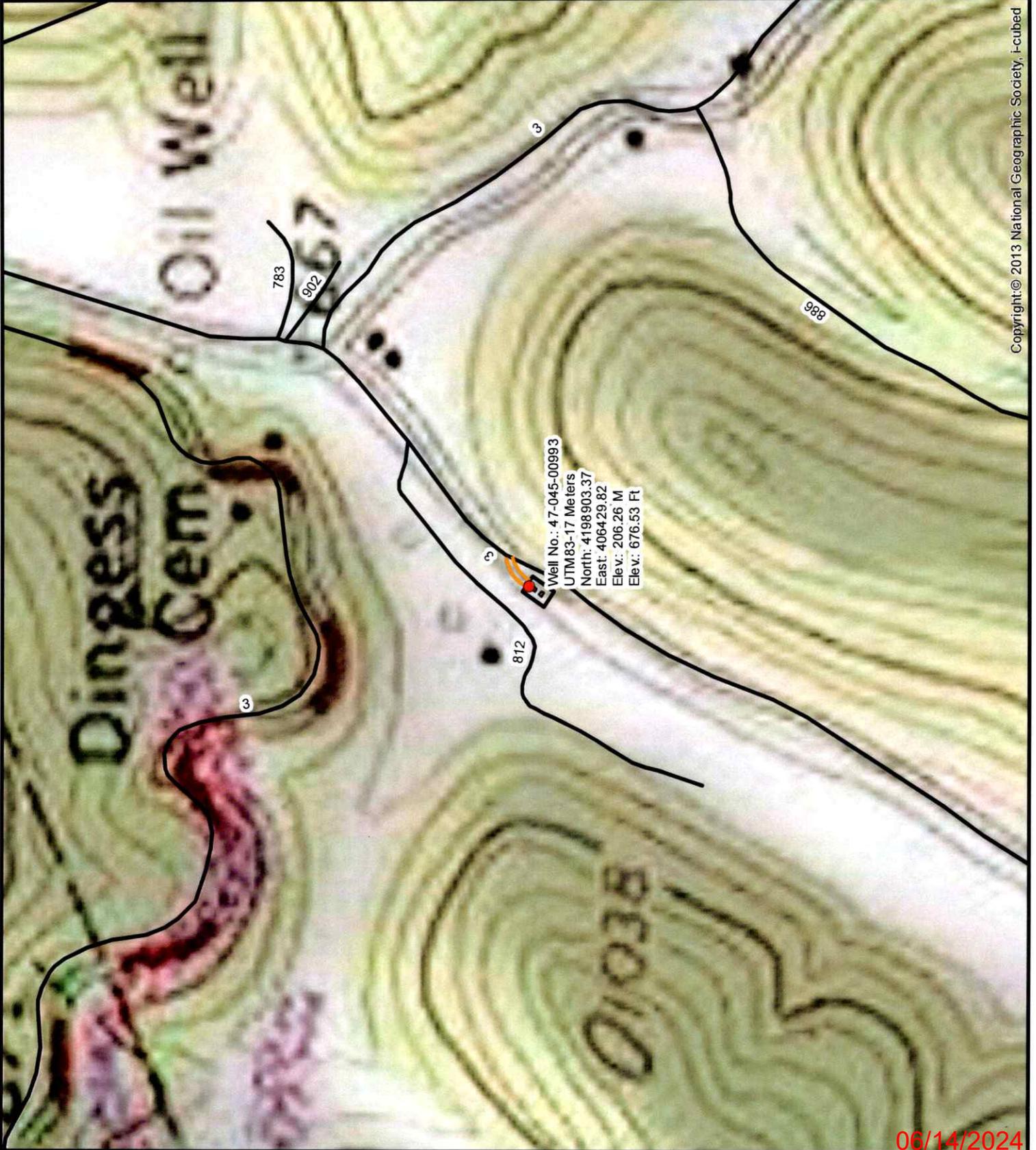
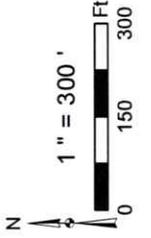
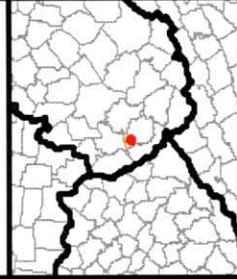
Diversified Gas & Oil Corporation
 100 Diversified Way
 Pikeville KY, 41051

47-045-00993

Plugging Map

Legend

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



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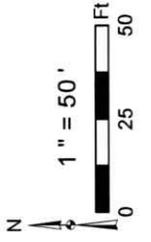
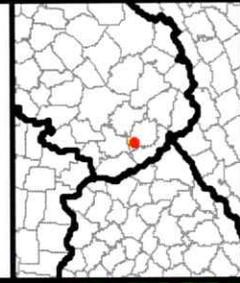
Diversified Gas & Oil Corporation
 100 Diversified Way
 Pikeville KY, 41051

47-045-00993

Plugging Map

Legend

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



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

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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: 4704500993 WELL NO.: LAWSON HEIRS - B-5 1183

FARM NAME: Lawson Heirs

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Logan DISTRICT: Champanville/Guyan

QUADRANGLE: Chapmanville 7.5'

SURFACE OWNER: Jonh I. & Brenda L. Carter

ROYALTY OWNER: Lawson Heirs

UTM GPS NORTHING: 4198903.37

UTM GPS EASTING: 406429.82 GPS ELEVATION: 676.53'

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS : Post Processed Differential
Real-Time Differential

Mapping Grade GPS : Post Processed Differential
Real-Time Differential

- 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

4/24/24
Date

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PLUGGING PERMIT CHECKLIST
4704500993

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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