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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, June 3, 2024

WELL WORK PLUGGING PERMIT  
Vertical Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for V. DOUGLAS 3  
47-039-04586-00-00

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: JOHNSON, WILLIAM  
U.S. WELL NUMBER: 47-039-04586-00-00  
Vertical Plugging  
Date Issued: 6/3/2024

Promoting a healthy environment.

06/07/2024

# 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

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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 12, 2024  
2) Operator's  
Well No. JOHNSON WILLIAM V DOUGLAS 3  
3) API Well No. 47-039-04586

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 1096.04 Watershed Ruffner Branch  
District Elk County Kanawha Quadrangle Blue Creek 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 Terry Urban  
Address P.O. Box 1207  
Clendenin, WV 25045  
9) Plugging Contractor Name Next LVL Energy (Diversified Owned)  
Address 104 Helliport Loop Rd  
Bridgeport, WV 25330

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

**See Attached**

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APR 26 2024  
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  Date 4.17.24

06/07/2024

**Plugging Prognosis**

API #: 4703904586

West Virginia, Kanawha County

Lat/Long: 38.485883, -81.474047

Nearest ER: Charleston Area Medical Center: Emergency Room – 501 Morris St, Charleston, WV 25301

**Casing Schedule**

8-5/8" @ 521' – CTS w/ 225 sks

4-1/2" @ 2174' – Cemented w/ 180 sks – ETOC @ 1244' using 7-7/8" OH & 1.18 yield

TD @ 2187'

**Completion**

Big Injun: 2074'-2124' – Frac'd w/ 398 bbl fluid, 160 sks sand

Fresh Water: 360'

Salt Water: 1345'

Gas Shows: 2070'-2126'

Oil Shows: 2070'-2126'

Coal: None Reported

Elevation: 1086.4'

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1. Notify Inspector Terry Urban @ 304-549-5915, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Blow well down. Kill with fluid as necessary.
4. Pump 6% bentonite gel in between all cement plugs.
5. TIH w/ tbg to 2177'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel.
6. Pump 400' Class L cement plug from 2177' to 1777' (Big Injun Completion). WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. *OK TU*
7. TOOH w/ tbg to 1777'. Pump 15 bbl 6% bentonite gel spacer. *After 9 hrs*
8. TOOH w/ tbg.
9. Free point 4-1/2" csg. Cut and TOOH.
10. 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. Can combine csg cut plug and elevation plug depending on proximity. *1086.4 Elevation*
11. TOOH w/ tbg to 1136'. Pump 100' Class L cement plug from 1136' to 1036' (Elevation Plug). Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. *OK*
12. TOOH w/ tbg to 1036'. Pump 6% bentonite gel spacer from 1036' to 571'.
13. TOOH w/ tbg to 571'. Pump 261' Class L cement plug from 571' to 310' (8-5/8" Csg Shoe & Fresh Water Plug). Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
14. TOOH w/ tbg to 310'. Pump 6% bentonite gel spacer from 310' to 120'.
15. TOOH w/ tbg to 120'. Pump 120' Class L cement plug from 120' to Surface (Surface Plug). Top off as needed.
16. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Elevation will be calculated at site

*Operate to cover with cement all oil & gas production including salt, elevation, coals, freshwater*

*[Signature]*  
11.17.24

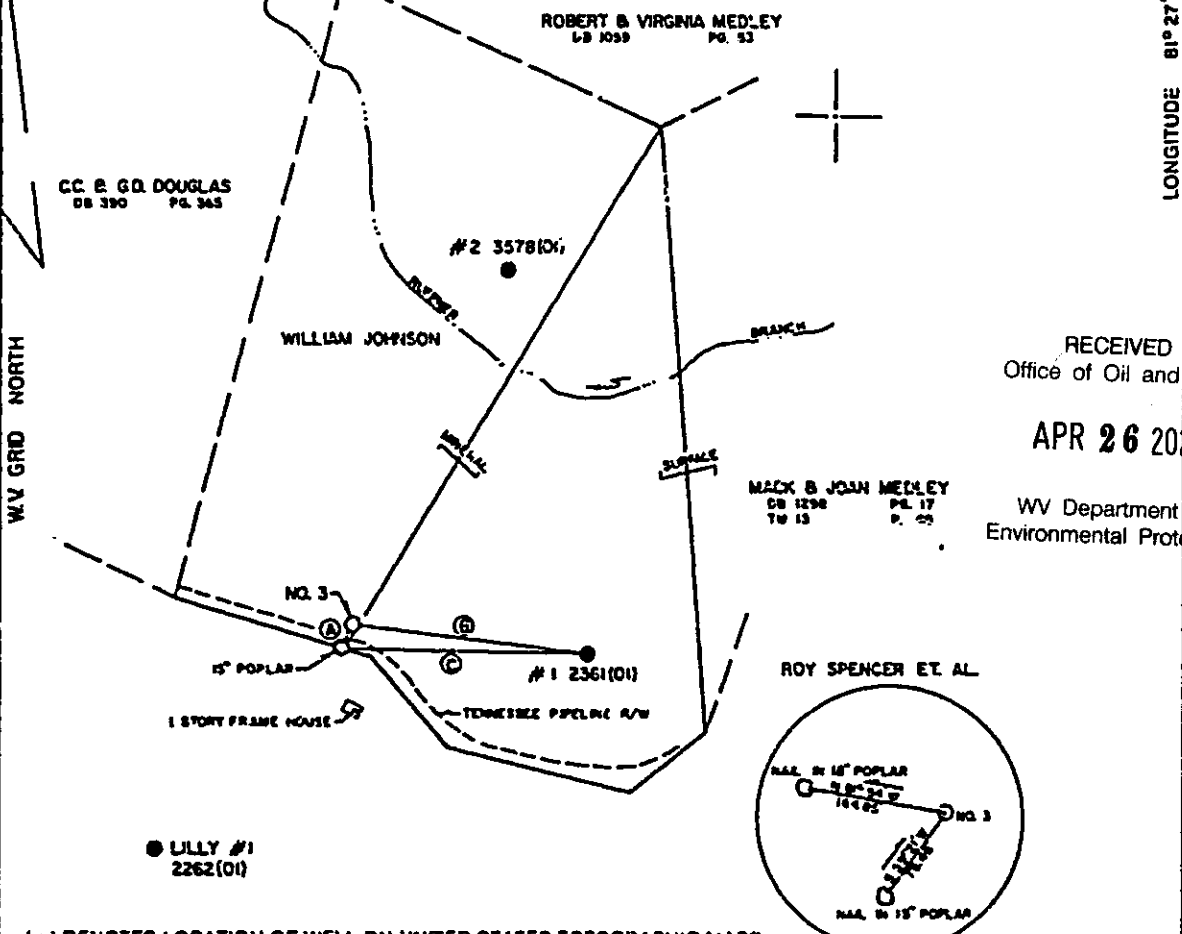
06/07/2024

PROPOSED WELL COORDINATES  
 N 541,291.4 E 1,864,114.1  
 WV SPC, SOUTH ZONE

LATITUDE 38°30'00"

- Ⓐ N 35°21'E 75.47'
- Ⓑ S 83°13'E 67.17'
- Ⓒ N 88°04'W 655.52'

DISTANCE PROPOSED WELL TO N.W. ROOF CORNER OF HOUSE = 201.5'



LONGITUDE 81° 27' 30"

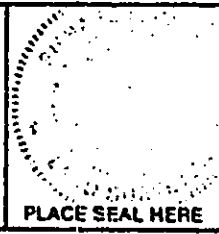
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 9900-4  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF  
 ACCURACY 1" W 2000'  
 PROVEN SOURCE OF  
 ELEVATION USC B GS BM M-95  
NEAR PICKER CEMETERY ALONG  
WV SEC RT 33 EL 1006 35

I THE UNDERSIGNED, HEREBY CERTIFY THAT  
 THIS PLAT IS CORRECT TO THE BEST OF MY  
 KNOWLEDGE AND BELIEF AND SHOWS ALL THE  
 INFORMATION REQUIRED BY LAW AND THE REGU-  
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-  
 MENT OF ENERGY.  
 (SIGNED) Richard E. Korte  
 R.P.E. \_\_\_\_\_ I.L.S. 017 \_\_\_\_\_



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE JAN 7 1988  
 OPERATOR'S WELL NO. DOUGLAS NO 3  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 1086.4 WATERSHED RUFFNER BRANCH OF LITTLE SANDY CREEK  
 DISTRICT SLK COUNTY KANAWHA  
 QUADRANGLE BLUE CREEK 7.5'  
 SURFACE OWNER WILLIAM JOHNSON ACREAGE 18  
 OIL & GAS ROYALTY OWNER VL DOUGLAS ET AL LEASE ACREAGE 39  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR  
 STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW  
 FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE (IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION R10 INJUN ESTIMATED DEPTH 2116'  
 WELL OPERATOR QUAKER STATE CORPORATION DESIGNATED AGENT FRANK ROTUNDA  
 ADDRESS PO BOX 189 BELPRE OHIO 45714 ADDRESS 8128 GLENBROOK DRIVE VIENNA WV 26103

FORM WV-0

COUNTY NAME KAN  
 PERMIT 4586

06/07/2024

039-4586

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Quaker State Corporation *42400, 4, 258*
- 2) Operator's Well Number: V. Douglas # 3 3) Elevation: 1086.4
- 4) Well type: (a) Oil X / or Gas    /  
(b) If Gas: Production    / Underground Storage    /  
Deep    / Shallow
- 5) Proposed Target Formation(s): Big Injun
- 6) Proposed Total Depth: 2214 feet
- 7) Approximate fresh water strata depths: 0-436'
- 8) Approximate salt water depths: 1300'  
*From 2361, 2368, 2369, 4517 Karosta.*
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes    / No X /
- 11) Proposed Well Work:
- 12)

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CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor						<del>38CSR18-11.3</del>
Fresh Water	8-5/8"	H-40	23	486'	486'	c.t.s. Heat
Coal						
Intermediate						
Production	4-1/2"	J-55	9.5	2214'	2214'	<del>58CSR18-11.1</del> 1200' or as required by Rule 11.1 of 29CSR18
Tubing						
Liners						

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PACKERS : Kind     
Sizes     
Depths set   

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Division of Oil and Gas Use Only

Fee(s) paid:    Well Work Permit    Reclamation Fund    WPCP

Plat    WW-9    WW-2B    Bond 50 Blanket    000073024

(Type)

6883

18147

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

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Well Operator's Report of Well Work

Farm name: JOHNSON, WILLIAM

Operator Well No.: U. 100024  
WV Department of Environmental Protection

LOCATION: Elevation: 1086.40 Quadrangle: BLUE CREEK

District: ELK County: KANAWHA  
Latitude: 5210 Feet South of 38 Deg. 30 Min. 0 Sec.  
Longitude 4660 Feet West of 81 Deg. 27 Min. 30 Sec.

Company: QUAKER STATE OIL REFINING CORP.

1226 PUTNAM HOWE DR. P.O. #1891 Casing / Used in / Left / Cement /  
BELFRE, OH | 8 | | | | Fill Up /  
| Tubing / Drilling / in Well / Cu. Ft. /

Agent: FRANK R. ROTUNDA

Inspector: CARLOS W. HIVELY

Permit Issued: 04/18/88

Well work Commenced: 6-10-88

Well work Completed: 6-13-88

Verbal Plugging

Permission granted on:

Rotary Cable Rig

Total Depth (feet) 2187

Fresh water depths (ft) 360

Salt water depths (ft) 1345

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

Coal Depths (ft):

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DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation: Big Injun Pay zone depth (ft) 2074 - 2124  
Gas: Initial open flow MCF/d Oil: Initial open flow show Bbl/d  
Final open flow 15 MCF/d Final open flow 12 Bbl/d  
Time of open flow between initial and final tests Hours  
Static rock Pressure psia (surface pressure) after Hours

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

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: QUAKER STATE OIL REFINING CORP.

By: Samuel F. Barber, District Manager

Date: 9-14-88

KAN 4586

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DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perf.: 2074 - 2124  
Frac.: 398 Bbl. fluid, 160 sx. sand, 80 at 1034  
Treated at 31 BPM, 1315 PSI ISIP 810 PSI

<u>FORMATION</u>	<u>COLOR</u>	<u>HARD OR SOFT</u>	<u>TOP FEET</u>	<u>BOTTOM FEET</u>	<u>REMARKS</u>
sand and shale			0	1345	
salt sands			1345	1888	
Little Lime			1888	1937	
Pencil Cave			1937	1946	
Big Lime			1946	2070	
Big Injun			2070	2126	oil and gas
silt and shale			2126	2187	T..D.

*[Faint, illegible stamp or text]*

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WV Department of  
Environmental Protection

6883

06/07/2024



1) Date: 4/12/2024  
2) Operator's Well Number JOHNSON WILLIAM V DOUGLAS 3  
3) API Well No.: 47 - 039 - 04586

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Kathy M. Johnson</u>	Name <u>Not Currently Operated</u>
Address <u>1358 Douglas Branch</u>	Address _____
<u>Elkview, WV 25071</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
<b>6) Inspector</b> <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name <u>No Lease on Record</u>
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</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 12th 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

**API 47-039-04586**

**Coal Owners**

James D. Cook

538 Burlew Dr.  
Charleston, WV 25302

Janet McCutcheon

45780 Sheeran Dr.  
Lexington Park, MD 20653

NAJ, LLC

216 Brooks St.  
Charleston, WV 25301

West Virginia Coal Reserves, LLC

PO Box 1433  
Charleston, WV 25303

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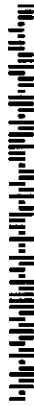
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KATHY M JOHNSON  
1358 DOUGLAS BRANCH RD  
ELKVIEW WV 25071-7104

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JAMES D COOK  
538 BURLEW DR  
CHARLESTON WV 25302-3511

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**9407 1362 0855 1791 6631 20**



JANET MCCUTCHEON  
45780 SHEERAN DR  
LEXINGTON PARK MD 20653-3337

Diversified Gas & Oil Corporation  
Permitting Department  
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CHARLESTON WV 25301

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**9407 1362 0855 1791 6721 08**



NAJ LLC  
216 BROOKS ST STE 200  
CHARLESTON WV 25301-1800

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

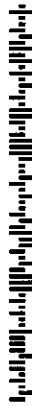
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WEST VIRGINIA COAL RESERVES LLC  
PO BOX 1433  
CHARLESTON WV 25325-1433

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WW-4B

API No. 4703904586

Farm Name W. Johnson

Well No. JOHNSON WILLIAM V DOUGLAS 3

**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) Ruffner Branch Quadrangle Blue Creek 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No   
  Tu 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 RECEIVED

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-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A APR 26 2024

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A WV Department of

Environmental Protection

-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 [Signature]  
Company Official (Typed Name) Chris Veazey  
Company Official Title Permitting Supervisor



Subscribed and sworn before me this 12<sup>th</sup> day of April, 20 24

[Signature] Notary Public

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 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: *Angela White*

Comments: \_\_\_\_\_

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Title: *Inspector O&GAS* Date: *4-18-24*

Field Reviewed? (  ) Yes (  ) No



**DIVERSIFIED**  
energy

Date: 4/12/2024

James Martin  
Office of Oil and Gas  
601 57<sup>th</sup> 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 4703904586 Well Name JOHNSON WILLIAM V DOUGLAS 3

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 57<sup>th</sup> 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.

06/07/2024

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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WW-7  
8-30-06



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

API: 4703904586 WELL NO.: JOHNSON WILLIAM V DOUGLAS 3

FARM NAME: W. Johnson

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Kanawha DISTRICT: Elk

QUADRANGLE: Blue Creek 7.5'

SURFACE OWNER: Kathy M. Johnson

ROYALTY OWNER: Elemental Resources, LLC, James D. Cook, Donna Ratcliff, Janet McCutcheon

UTM GPS NORTHING: 4259806.42

UTM GPS EASTING: 458605.14 GPS ELEVATION: 1096.04

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 X: Post Processed Differential X  
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

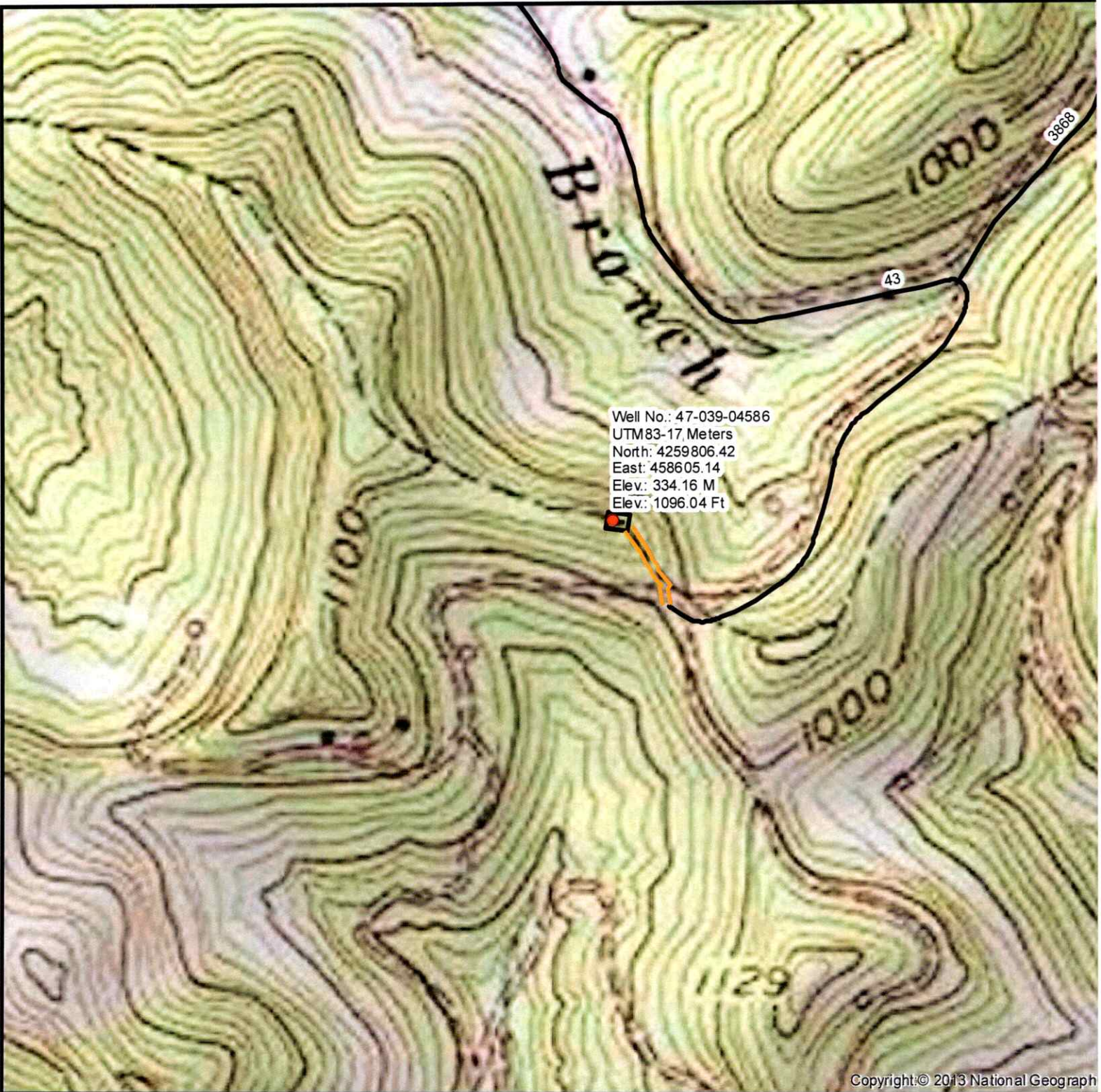
4/12/24  
Date

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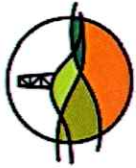
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Diversified Gas & Oil Corporation  
 100 Diversified Way  
 Pikeville KY, 41051

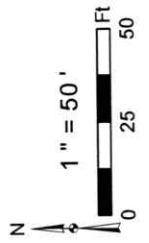
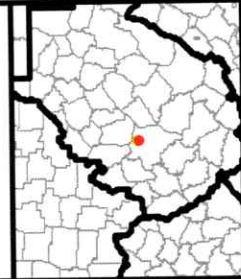
47-039-04586

Well Plugging Map

**Legend**

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

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Well No.: 47-039-04586  
 UTM83-17, Meters  
 North: 4259806.42  
 East: 458605.14  
 Elev.: 334.16 M  
 Elev.: 1096.04 Ft

Primary Pit

Secondary Pit

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

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11/10/2016

PLUGGING PERMIT CHECKLIST  
4703904586

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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