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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, February 24, 2025  
WELL WORK PLUGGING PERMIT  
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for SADLER-001B  
47-081-01388-00-00

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

A blue ink signature of James A. Martin, Chief, written in a cursive style.

Operator's Well Number:  
Farm Name: SADLER, SUSANNA  
U.S. WELL NUMBER: 47-081-01388-00-00  
Coal Bed Methane Well Plugging  
Date Issued: 2/24/2025

Promoting a healthy environment.

02/28/2025

# 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 \_\_\_\_\_, 20\_\_\_\_  
2) Operator's  
Well No. Sedler 1B  
3) API Well No. 47-081 -01338

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 2105.03' Watershed Breckenridge Creek  
District Trap Hill County Raleigh Quadrangle Amek 7.5'

6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey  
Address 414 Summers Street Address 414 Summers Street  
Charleston, WV 25301 Charleston, WV 25301

8) Oil and Gas Inspector to be notified Name Murdock Howard  
Address PO Box 140  
Oak Hill, WV 25901  
9) Plugging Contractor Name Next LVL Energy (Diversified Owned)  
Address 104 Hellport 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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Office Of Oil and Gas  
JAN 14 2025  
WV Department of  
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted

Murdock Howard 1/10/25

### Plugging Prognosis

API #: 47-081-01388

West Virginia, Raleigh County

Lat/Long - 37.760737, -81.419051

Nearest ER: Raleigh General Emergency Room - 1710 Harper Rd, Beckley, WV 25801

### Casing Schedule:

13-3/8" @ 32' - Cemented w/ 12 cu ft

9 5/8" @ 221' - Cemented w/ 71 cut ft - Grouted w/ 3 bbl

7" @ 796' - CTS w/ 212 cu ft

MH 2/24/25

TD listed as 915'

Estimated lateral from plat

- o Lower Beckley: 26.840' x 4.75" Hole ID = 735 BBL w/ 125% excess

Fresh Water: 476'

Salt Water: None Reported

Gas Shows: None Reported

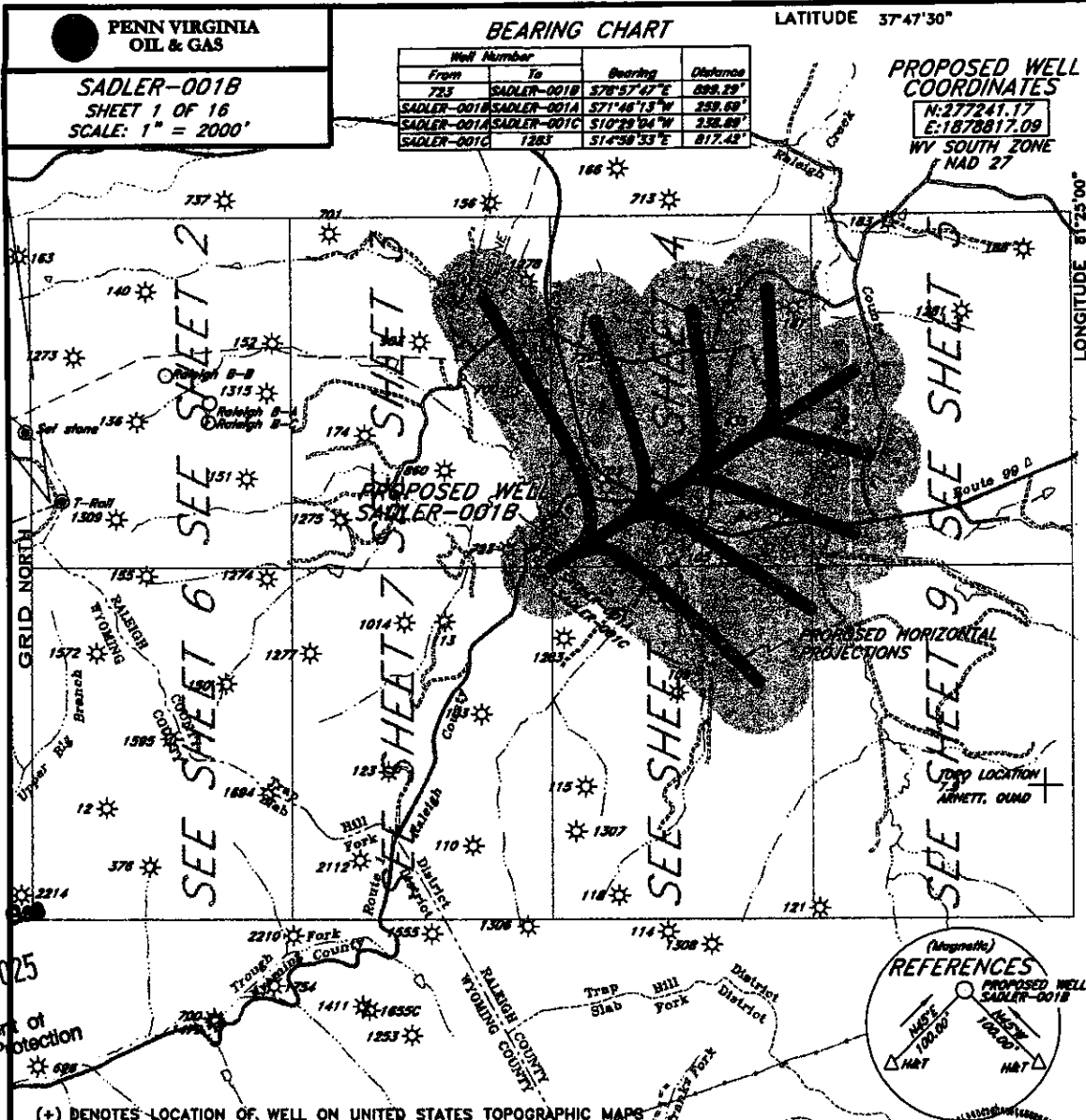
Oil Shows: None Reported

Coal: 595'-599', 602'-606', 619'-624', 870'-875'

Elevation: 2105.05'

1. Notify Inspector Murdock Howard @ (681) 990-2568, 48 hrs prior to commencing operations.
2. Record pressure on csg.
3. TOOH w/ rods and tbg.
4. Kill well with gel as needed. Then proceed to load wellbore with 735 BBL (125% capacity) gel until wellbore is filled.
5. TIH w/ tbg to 905'. Pump 479' *Expandable Class L/Class A* cement plug from 905' to 426' (Coal seams & 7" csg shoe, & Fresh Water Plug). Approximately 102 sks @ 1.14 yield. Tag TOC. Top off as needed.
6. TOOH w/ tbg to 426'. Pump 6% bentonite gel spacer from 426' to 271'.
7. TOOH w/ tbg to 271'. Pump 271' *Class L/Class A* cement plug from 271' to Surface (9-5/8" Csg Shoe & Surface Plug). Approximately 58 sks @ 1.14 yield. Tag TOC. Top off as needed.
8. Reclaim site and set monument per WV DEP regulations.

02/28/2025

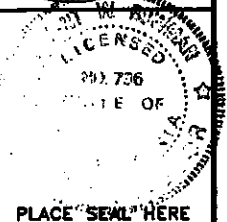
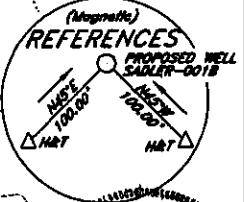


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 Environmental Protection

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

FILE NO. 04075  
 DRAWING NO. 04075A  
 SCALE 1"=2000'  
 MINIMUM DEGREE OF ACCURACY 1:31600  
 PROVEN SOURCE OF ELEVATION GPS DISK NO. A1  
2003.64'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.  
 (SIGNED) Dyan L. DeLMan  
 R.P.E. \_\_\_\_\_ L.L.S. 738



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OIL AND GAS DIVISION

DATE REVISED: AUGUST 5, 2005  
 OPERATOR'S WELL NO. SADLER-001B  
 API WELL NO. 47-81-01388C

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 2105.05' WATERSHED CLEAR FORK  
 DISTRICT TRAP HILL COUNTY RALEIGH  
 QUADRANGLE ARNETT, WV

SURFACE OWNER SUSANNA K. SADLER ACREAGE 272  
 OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 272  
 LEASE NO. \_\_\_\_\_

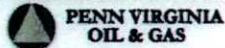
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL  
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460  
KINGSPORT, TN 37660 RAVENCLIFF, WV 25913

FORM WW-6

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02/28/2025



**SADLER-001A**  
SHEET 1 OF 17  
SCALE: 1" = 2000'

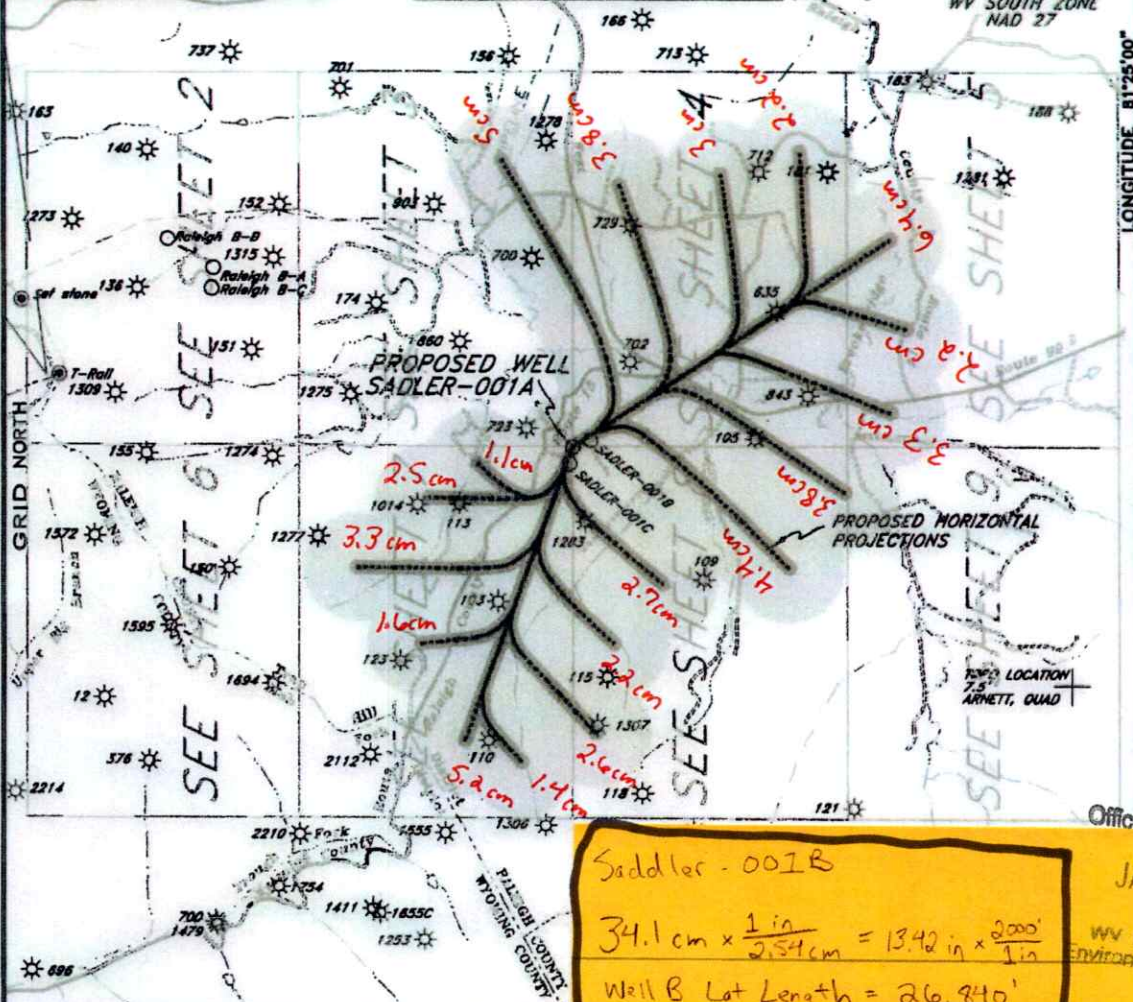
**BEARING CHART**

LATITUDE 37°47'30"

Well Number	From	To	Bearing	Distance
723	SADLER-001B	SADLER-001A	S78°37'47"E	889.29'
SADLER-001B	SADLER-001A	SADLER-001C	S71°46'13"W	258.89'
SADLER-001A	SADLER-001C	SADLER-001C	S10°28'04"W	238.88'
SADLER-001C			S14°58'33"E	817.42'

**PROPOSED WELL COORDINATES**

N: 277159.93  
E: 1878570.43  
WV SOUTH ZONE  
NAD 27



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Saddler - 001B  
 $34.1 \text{ cm} \times \frac{1 \text{ in}}{2.54 \text{ cm}} = 13.42 \text{ in} \times \frac{2000'}{1 \text{ in}}$   
 Well B Lat Length = 26,840'

Saddler - 001C  
 $22.6 \text{ cm} \times \frac{1 \text{ in}}{2.54 \text{ cm}} = 8.90 \text{ in} \times \frac{2000'}{1 \text{ in}}$   
 Well C Lat Length = 17,800'

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

FILE NO. 04075  
DRAWING NO. 04075A  
SCALE 1"=2000'  
MINIMUM DEGREE OF ACCURACY 1:31800  
PROVEN SOURCE OF ELEVATION GPS DISK NO. A1  
2003.64'

I THE UNDERSIGNED, R.P.E., KNOWLEDGE AND INFORMATION RELATIONS ISSUED IN MY CAPACITY AS REGISTERED PROFESSIONAL ENGINEER (SIGNED) R.P.E.

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION

DATE REVISED: AUGUST 5, 2005  
OPERATOR'S WELL NO. SADLER-001A  
API WELL NO. 47-81-01387C  
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 2147.97' WATERSHED CLEAR FORK  
DISTRICT TRAP HILL COUNTY RALEIGH  
QUADRANGLE ARNETT, WV

SURFACE OWNER SUSANNA K. SADLER ACREAGE 272  
OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 272  
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 ESTIMATED DEPTH

WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL  
ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460 RAVENCLIFF, WV 25913

FORM WW-6

COUNTY NAME  
PERMIT

02/28/2025

970'



PENN VIRGINIA OIL & GAS

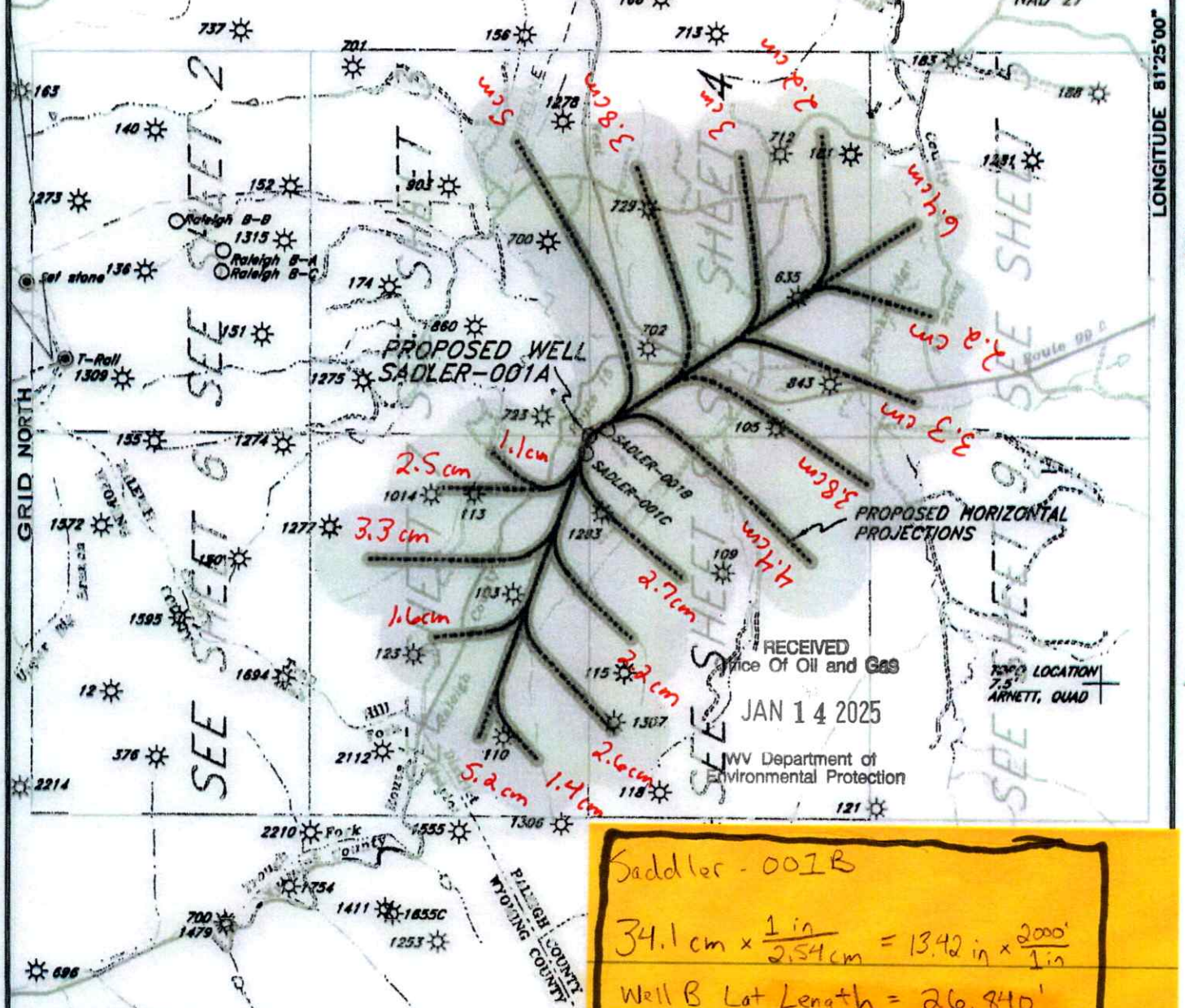
BEARING CHART

LATITUDE 37°47'30"

SADLER-001A SHEET 1 OF 17 SCALE: 1" = 2000'

Well Number		Bearing	Distance
From	To		
723	SADLER-001B	S78°57'47"E	899.29'
SADLER-001B	SADLER-001A	S71°46'13"W	259.89'
SADLER-001A	SADLER-001C	S10°29'04"W	238.89'
SADLER-001C	1283	S14°59'33"E	817.42'

PROPOSED WELL COORDINATES N:277159.93 E:1878570.43 WV SOUTH ZONE NAD 27



Saddler - 001B  
 $34.1 \text{ cm} \times \frac{1 \text{ in}}{2.54 \text{ cm}} = 13.42 \text{ in} \times \frac{2000'}{1 \text{ in}}$   
 Well B Lat Length = 26,840'

Saddler - 001C  
 $22.6 \text{ cm} \times \frac{1 \text{ in}}{2.54 \text{ cm}} = 8.90 \text{ in} \times \frac{2000'}{1 \text{ in}}$   
 Well C Lat Length = 17,800'

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

FILE NO. 04075  
 DRAWING NO. 04075A  
 SCALE 1"=2000'  
 MINIMUM DEGREE OF ACCURACY 1:31600  
 PROVEN SOURCE OF ELEVATION GPS DISK NO. A1  
 2003.64'

I THE UNDERSIGNED HAS PREPARED THIS PLAT IS TO THE BEST OF HIS KNOWLEDGE AND BELIEF ACCORDING TO THE INFORMATION RECEIVED FROM THE OPERATOR. NO REPRESENTATIONS ISSUED WITHOUT THE CONSENT OF ENVIRONMENTAL PROTECTION DEPARTMENT (SIGNED) [Signature] R.P.E.

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OIL AND GAS DIVISION



DATE REVISED: AUGUST 5, 2005  
 OPERATOR'S WELL NO. SADLER-001A  
 API WELL NO. 47-81-01387C  
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW  
 LOCATION: ELEVATION 2147.97' WATERSHED CLEAR FORK  
 DISTRICT TRAP HILL COUNTY RALEIGH  
 QUADRANGLE ARNETT, WV

SURFACE OWNER SUSANNA K. SADLER ACREAGE 272  
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 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)

02/28/2025

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION ESTIMATED DEPTH  
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL  
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460  
 KINGSFORT, TN 37660 RAVENCLIFF, WV 25913

FORM WW-6

COUNTY NAME

PERMIT

State of West Virginia  
Division of Environmental Production  
Section of Oil and Gas  
Well Operator's Report of Well Work

Farm Name Susanna K. Sadler

Operator Well No.: SADLER-001B

LOCATION: Elevation: 2105.05

Quadrangle: Amett 7 1/2'

District: Trap Hill

County: Raleigh

Latitude: 11300 Feet South of 37 Deg. 47 Min. 00 Sec.  
Longitude: 730 Feet West of 81 Deg. 25 Min. 00 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>2550 East Stone Drive, Suite 110</u>	<u>13 3/8</u>	<u>32</u>	<u>32</u>	<u>12</u>
<u>Kingsport, TN 37660</u>	<u>9 5/8</u>	<u>221</u>	<u>221</u>	<u>71</u>
Agent: <u>Bryant Bowman</u>	<u>7</u>	<u>796</u>	<u>796</u>	<u>212</u>
Inspector: <u>Terry Urban</u>				
Date Permit Issued: <u>10/12/2005</u>				
Date Well Work Commenced: <u>01/03/2006</u>				
Date Well Work Completed: <u>03/31/2006</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): <u>915</u>				
Fresh Water Depth (ft): <u>476</u>				
Salt Water Depth (ft): <u>None Reported</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft): <u>598-599, 802-806, 619-624, 870-875</u>				

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OPEN FLOW DATA

Producing formation Lower Beckley 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 \_\_\_\_\_ psig (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 \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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

Signed:

By: James Burns  
Date: 03-23-07

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Office of Chief  
MAR 26 2007  
WV Department of  
Environmental Protection

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DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sandstone / Shale	0	596	
Coal	596	599	
Sandstone / Shale	599	602	
Coal	602	606	
Sandstone / Shale	606	619	
Coal	619	624	
Sandstone / Shale	624	870	
Coal	870	875	Horizontal Target - Lower Beckley
Sandstone / Shale	875	915	TD

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Sadler-001B

81-01388

Page 2 of 2

*Handwritten signature*  
9.8.05

**CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor	13 3/8	LS	37	30	30'	0
Fresh Water	9 5/8	LS	26	133	133	45
Coal						
Intermediate						
Production	7	LS	17	791	791	120
Tubing	2 7/8	J55	6.5		875	
Liners						

Packers:

- Fee(s) paid:   
  Well Work Permit:   
  Reclamation Fund:   
  WPCP:
- Plat:   
  WW-9:   
  WW-5:   
  Bond \_\_\_\_\_   
  Agent:
- (Type)

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WW-4A  
Revised 6-07

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WV Department of  
Environmental Protection

1) Date: \_\_\_\_\_  
2) Operator's Well Number Sadler 1B  
\_\_\_\_\_  
3) API Well No.: 47 - 081 - 01388

**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>Susanna K. Sadler, Revocable</u>	Name <u>Not Currently Operated</u>
Address <u>PO Box 390</u>	Address _____
<u>Bolt, WV 25817</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Susanna K. Sadler, Revocable Trust</u>
_____	Address <u>PO Box 390</u>
(c) Name _____	<u>Bolt, WV 25817</u>
Address _____	Name _____
_____	Address _____
6) Inspector <u>Murdock Howard</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 140</u>	Name _____
<u>Oak Hill, WV 25901</u>	Address _____
Telephone <u>(681) 990-2568</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: Austin Sutler *Austin Sutler*  
 Its: Manager Plugging Operations  
 Address 414 Summers Street  
Charleston, WV 25301  
 Telephone 304-590-7707

Subscribed and sworn before me this 3rd day of January 3, 2025  
*Jeffrey Bush* Notary Public  
 My Commission Expires September 28, 2028

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

02/28/2025

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

**USPS CERTIFIED MAIL™**



9407 1362 0855 1275 7758 82



SUSANNA K SADLER REVOCABLE TRUST  
PO BOX 390  
BOLT WV 25817-0390

**US POSTAGE AND FEES PAID**  
2025-01-03  
25301  
C4000004  
Retail  
4.0 OZ FLAT



0901000010783



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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)Breckenridge Creek Quadrangle Arnett 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No   
Will a pit be used? Yes  No

If so, please describe anticipated pit waste: Production fluid and cement returns.

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- \*  Underground Injection ( UIC Permit Number 2D03902327 002)
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

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WV Department of  
Environmental Protection

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 Austin Sutler

Company Official (Typed Name) Austin Sutler

Company Official Title Manager Plugging Operations



Subscribed and sworn before me this 3rd day of January, 2025

Jeffrey Bush Notary Public

My commission expires September 28, 2028

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

Lim<sup>e</sup> 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: Murdock Howard

Comments: operator to cover with cement all oil and gas formations including salt, elevation, coals, and fresh water.

Title: Inspector Date: 1/10/25

Field Reviewed?  Yes

No

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**DIVERSIFIED**  
energy

Date: \_\_\_\_\_

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 4708101388 Well Name Sadler 1B

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

Sincerely,

Diversified Energy Permitting Department

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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.

02/28/2025



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

### CONCLUSIONS OF LAW

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

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

### ORDER

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

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

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief  
Office of Oil and Gas

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

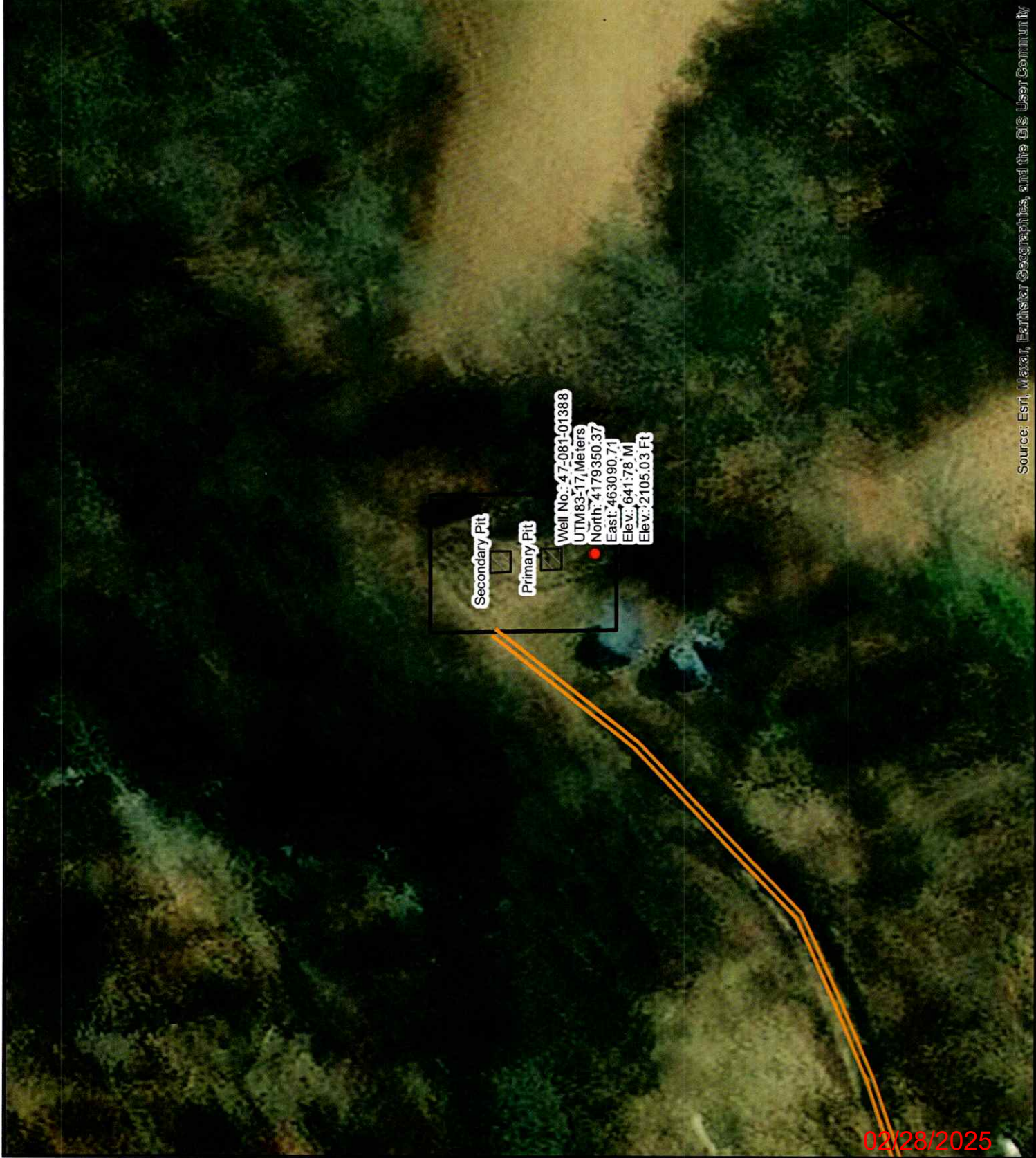
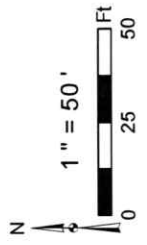
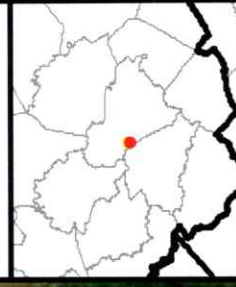
47-081-01388

Plugging Map

**Legend**

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

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

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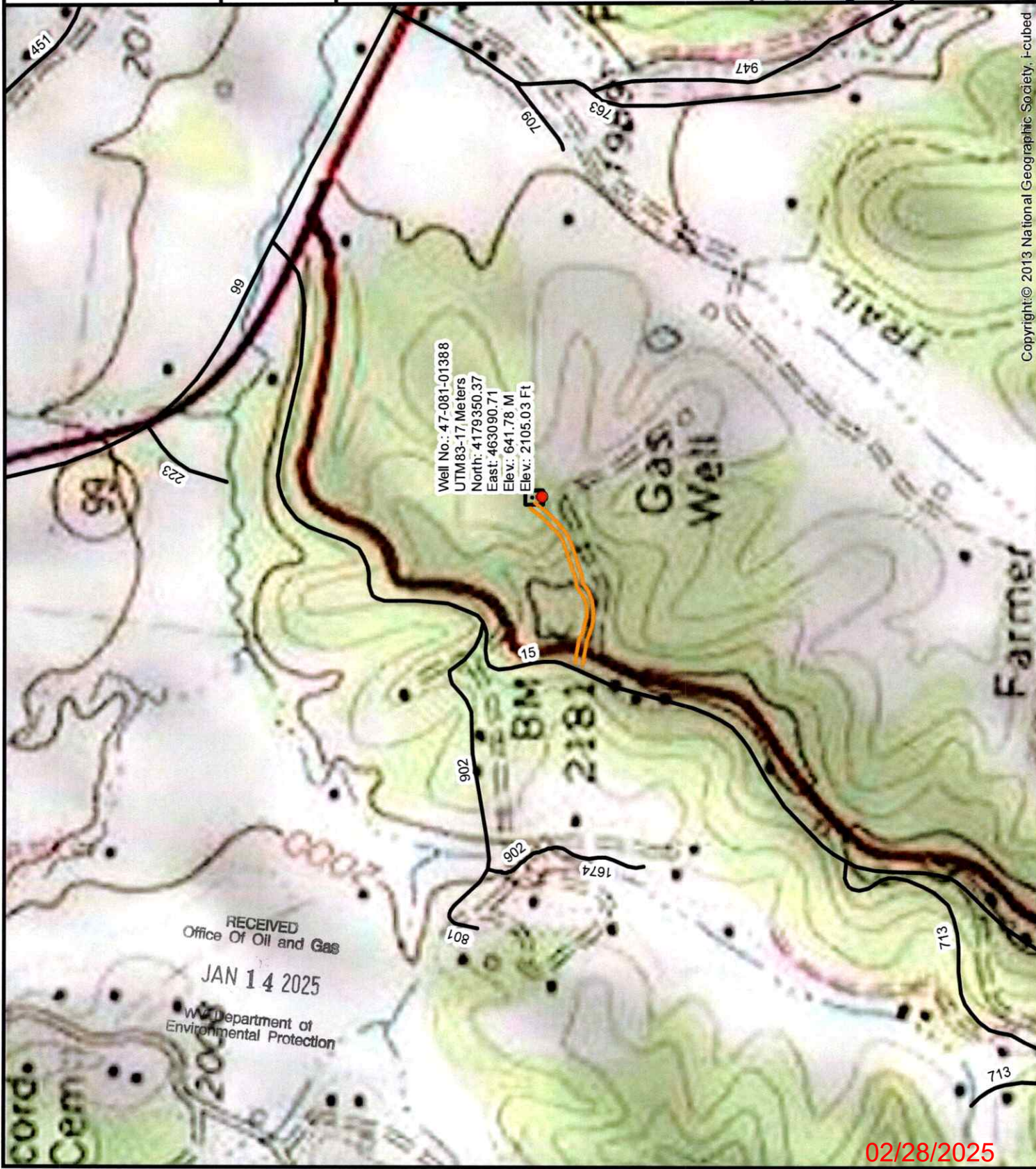
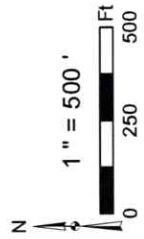
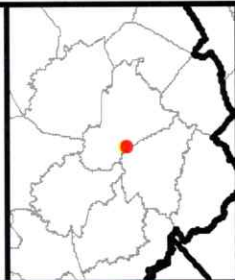
Diversified Gas & Oil Corporation  
 300 Diversified Way  
 Pikeville KY, 41051

47-081-01388

Plugging Map

**Legend**

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



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WW-7  
8-30-06



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

API: 4708101388 WELL NO.: Sadler 1B

FARM NAME: Susanna Sadler

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Raleigh DISTRICT: Trap Hill

QUADRANGLE: Arnett 7.5'

SURFACE OWNER: Susanna K. Sadler, Revocable Trust

ROYALTY OWNER: Penn Virginia Oil & Gas Corporation

UTM GPS NORTHING: 4179350.37

UTM GPS EASTING: 463090.71 GPS ELEVATION: 2105.03'

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

Austin Sutler - Manager Plugging Operations

Title

1/3/2025

Date

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WW-4B

API No.	<u>4708101388</u>
Farm Name	<u>Susanna Sadler</u>
Well No.	<u>Sadler 1B</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 \_\_\_\_\_

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11/10/2016

PLUGGING PERMIT CHECKLIST  
4708101388

Plugging Permit

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

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

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## plugging permit issued for 4708101388

1 message

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

Mon, Feb 24, 2025 at 2:00 PM


To: Nicholas Bumgardner <nbumgardner@dgoc.com>, Chris Veazey <CVeazey@dgoc.com>, Roy W Howard <roy.w.howard@wv.gov>, raleigh@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4708101388.

James Kennedy

WVDEP OOG

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 **4708101388.pdf**  
2848K

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