



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

Tuesday, December 20, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 3
47-017-01296-00-00

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: DETTERMAN, B.
U.S. WELL NUMBER: 47-017-01296-00-00
Vertical Plugging
Date Issued: 12/20/2022

PERMIT CONDITIONS 47-01701296

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.



47 0 17 0 12 9 6

info@sww.com
www.sww.com

November 16, 2022

Jason Harmon, Deputy Director
WV Department of Environmental Protection
Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

Dear Mr. Harmon,

Please find enclosed a permit application to plug API# 47-017-01296 in the West Union District, Doddridge County. It is a part of the multi-well plugging contract for the Orphan and Abandoned Well Program for Region 1. The plugging contractor is Next Level Energy, operating under the Region 1 contract. The surface owner and inspector have been mailed copies of the permit application. The signed waivers will be forwarded to you as we receive them.

Please note that we will supplement the IR-9 forms as they are completed.

If you have any questions or comments please do not hesitate to contact me.

Jim Mencer
Permitting Technician
SLS Land & Energy Development
304-462-5634

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection

12 Vanhorn Drive, Glenville, WV 26351
1412 Kanawha Boulevard East, Charleston, WV 25301
254 East Beckley Bypass, Beckley, WV 25801
304-462-5634

12/23/2022

1) Date November 16, 2022
2) Operator's
Well No. B. Determan No. 3
3) API Well No. 47-017- - 01296

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 X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1,172' Watershed Nutters Fork
District New Milton County Doddridge Quadrangle New Milton 7.5'

6) Well Operator Unknown- WV DEP Paid Plugging Contract 7) Designated Agent Jason Harmon
Address 601 57th Street, SE Address 601 57th Street, SE
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sam Ward Name Next Level Energy
Address P.O. Box 2327 Address 104 Heliport Loop
Buckhannon, WV 26201 Bridgeport, WV 26330

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

See attached Work Procedure

RECEIVED
Office of Oil and Gas
NOV 21 2022
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 12/19/2022

PLUGGING PROGNOSIS

West Virginia, Doddridge County
API # 47-017-01296

Casing Schedule

10" csg @ 10'
5-3/16"/ 5-1/2" csg @ 2354' (Cement information not reported)
TD @ 2411'

Completion: Depth Not Listed, likely the Big Injun

Fresh Water: None Reported
Saltwater: None Reported
Coal: None Reported
Oil Show: None Reported
Gas Show: None Reported
Elevation: 1140'

1. Notify inspector, Sam Ward @ 304-389-7583, 48 hrs. prior to commencing operations.
2. Check wellhead pressure and tag TD w/ wireline. Run CBL to check for TOC behind 5-3/16" csg. If TOC is above 2304', set plug as is in step 3. If TOC is low, consult with foreman and inspector.
3. Run in to depth @ 2411'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 107' Class A/Class L cement plug from **2411' to 2304' (plug)**. Tag TOC. Top off as needed.
4. TOO H w/ tbg to 2304'. Pump 6% bentonite gel from 2304' to 1140'
5. Free point 5-3/16" csg. Cut and TOO H. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOO H w/ tbg to top of plug. **Do not omit any plugs listed below. Perforate as needed.**
6. TOO H w/ tbg to 1140'. Pump 100' Class A/Class L Cement plug from **1140' to 1040' (Elevation plug)** change elev. plug to 1,090'-1,190' *± m* 12/19/2022
7. TOO H w/ tbg to 1040'. Pump 6% bentonite gel from 1040' to 100'
8. TOO H w/ tbg to 100'. Pump 100' Class A/Class L Cement plug from **100' to Surface (Surface plug)**



12/19/2022

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection

12/23/2022



12/23/2022



12/23/2022



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 2

4701701296

12-20-22

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Vadis
Permit No. Dod-1296

WELL RECORD

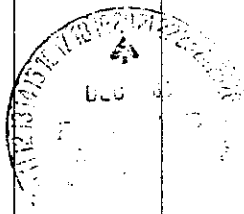
Oil or Gas Well Oil and Gas
(KIND)

Company <u>Southern Triangle Oil Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Box 230, Mt. Carmel, Illinois</u>	Size			
Farm <u>B. Dettnerman</u> Acres <u>93</u>				
Location (waters) <u>Brushy</u>				Kind of Packer
Well No. <u>3</u> Elev. <u>1140</u>	16			
District <u>New Milton</u> County <u>Doddridge</u>	13			
The surface of tract is owned in fee by <u>W. V. Schulte</u>	10	<u>10</u>	<u>10</u>	Size of
Address <u>New Milton, W. Va.</u>	8 3/4	<u>1190</u>	<u>None</u>	
Mineral rights are owned by <u>same</u>	6 3/4			Depth set
Address _____	5 3/16	<u>2354</u>	<u>2354</u>	
Drilling commenced <u>8-27-65</u>	3			Perf. top
Drilling completed <u>10-27-65</u>	2			Perf. bottom
Date Shot _____ From _____ To _____	Liners Used			Perf. top
With _____				Perf. bottom
Open Flow _____ /10ths Water in _____ Inch				
Volume <u>None</u> _____ /10ths Merc. in _____ Inch				
Rock Pressure <u>90</u> lbs. <u>72</u> hrs.				
Oil <u>show</u> _____ bbls., 1st 24 hrs.				
WELL ACIDIZED _____				
WELL FRACTURED <u>Yes</u>				

CASING CEMENTED 5 1/2 SIZE 2354 No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 0 FEET 0 INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT testing 100,000 & 30 bbls - Big Teyon
ROCK PRESSURE AFTER TREATMENT testing
Fresh Water None Feet _____ Salt Water None Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
clay			0	34			
sand			34	40			
Red rock			40	58			
sand			58	79			
slate & red rock			79	114			
slate			114	124			
red rock & slate			124	230			
sandy lime			230	255			
sand			255	286			
slate (sandy)			286	295			
lime		hard	295	300			
sand		hard	300	338			
lime			338	358			
slate			358	380			
red rock			380	393			
sand			393	419			
red rock			419	435			
lime			435	445			
slate & shells			445	460			
sand			460	482			
red rock & shells			482	500			
lime			500	520			
red rock			520	530			
slate & shells			530	569			
red rock			569	670			
sand			670	710			



RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of Environmental Protection

Formation	Color	Hard or Soft	Top <i>L</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
slate			710	715			
sandy shale			715	720			
sand (hard and sharp)			720	745			
slate & shells			745	860			
sandy lime			860	880			
broken sand			880	970			
red rock			970	1030			
lime			1030	1109			
red rock			1109	1120			
gray slate			1120	1131			
slate			1131	1170			run 8" (1150)
sand			1170	1200			
lime & shells			1200	1223			
slate & shells			1223	1370			
lime			1370	1427			
slate & shells			1427	1480			
lime & slate			1480	1530			
limestone			1530	1545			
lime			1545	1560			
sand			1560	1574			
slate & shells			1574	1600			
dark slate			1600	1610			
shale & shells			1610	1640			
sandy lime			1640	1668			
sand (sharp)			1668	1745			
slate & shells			1745	1770			
sand			1770	1810			
broken sand			1810	1910			
lime (gritty)			1910	1960			
slate & shells			1960	1991			
sandy lime			1991	2012			
slate & shells			2012	2038			
red rock & shale			2038	2097			
lime			2097	2105			
red rock			2105	2180			
lime			2180	2185			
slate	blue		2185	2195			
lime little			2195	2212			
slate 7 P. cave			2212	2225			
big lime (Blue Monday)			2225	2335			
Injun Sand			2335	2411			

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection

Date _____, 19__

APPROVED _____, Owner

By _____
(Title)

12/23/2022

WW-4A
Revised 6-07

1) Date: November 16, 2022
2) Operator's Well Number
B. Determan No. 3
3) API Well No.: 47 - 017 - 01296

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

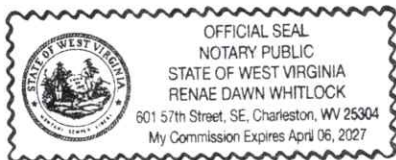
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Mary Ann Rudy & Teigh R. Byrne</u>	Name <u>N/A</u>
Address <u>2303 Meathouse Fork Rd.</u>	Address _____
<u>New Milton, WV 26411</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>No Declarations found</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name <u>No Declarations found</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-389-7583</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	<u>Unknown - WVDEP Paid Plugging Contract</u>
By:	<u>Jason Harmon</u>
Its:	<u>WV Office of Oil & Gas Deputy Chief</u>
Address	<u>601 57th Street, SE</u>
	<u>Charleston, WV 25304</u>
Telephone	<u>304-926-0452</u>

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection

Subscribed and sworn before me this 21st day of November 2022
Renae Dawn Whitlock Notary Public
My Commission Expires April 6, 2027

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.

7021 2720 0001 6303 6734

NOV 17 '22
AMOUNT
\$9.41
RZ305E124414.7
RDC 00
26411

4701701296

SMITH LAND SURVEYING, INC.
12 Vanhorn Drive
PO Box 150
Glennville, WV 26351

TO: MARY ANN RUBY & TEIGH R. BYRNE
2303 MEATHOUSE FORK ROAD
NEW MILTON, WV 26411

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MARY ANN RUBY & TEIGH R. BYRNE
2303 MEATHOUSE FORK ROAD
NEW MILTON, WV 26411



9500 0402 4207 8190 3806 32

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
X Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Return Receipt for

12/23/2022

SURFACE OWNER WAIVER

47 0 17 0 12 96

Operator's Well
Number

B. Determan No. 3

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

RECEIVED
Office of Oil and Gas
NOV 21 2022

Time Limits and methods for filing comments. The law requires these materials be received 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 12/23/2022

WW-4B

47 0 1 7 0 1 2 0 6

API No. 47-017-01296

Farm Name _____

Well No. B. Determan No.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.

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection

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 _____

12/23/2022



west virginia department of environmental protection

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

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

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

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

ORDER NO. 2022-13

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection

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.

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

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection

4701701296

WW-9
(5/16)

API Number 47 -017 01296
Operator's Well No. B. Determan No. 3

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Unknown - WV DEP Paid Plugging Contract OP Code _____

Watershed (HUC 10) Tributary of Brushy Fork of Meathouse Fk. Quadrangle New Milton 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: _____

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number #25-774)
- 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. Offsite

-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 Jason Harmon

Company Official (Typed Name) Jason Harmon

Company Official Title Deputy Chief

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of Environmental Protection

Subscribed and sworn before me this 21st day of November, 2022

Renee Aunkhuth Notary Public

My commission expires April 4, 2027



Proposed Revegetation Treatment: Acres Disturbed Less than an acre Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 20-20-20

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre


Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Fescue	30
		Clover	3
		Contractor Mix	10

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:  | 12/19/2022

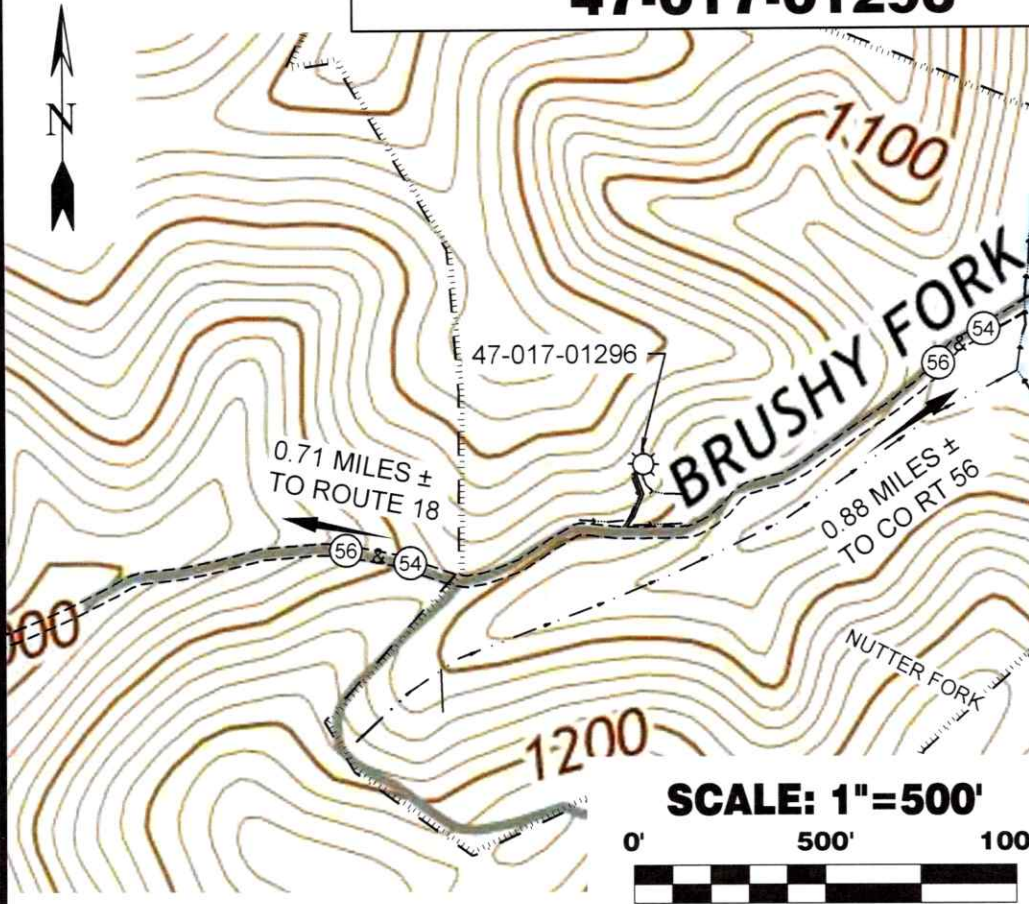
Comments: No pit will be used.

RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection

Title: _____ Date: _____

Field Reviewed? () Yes () No

B. DETERMAN LEASE 47-017-01296



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

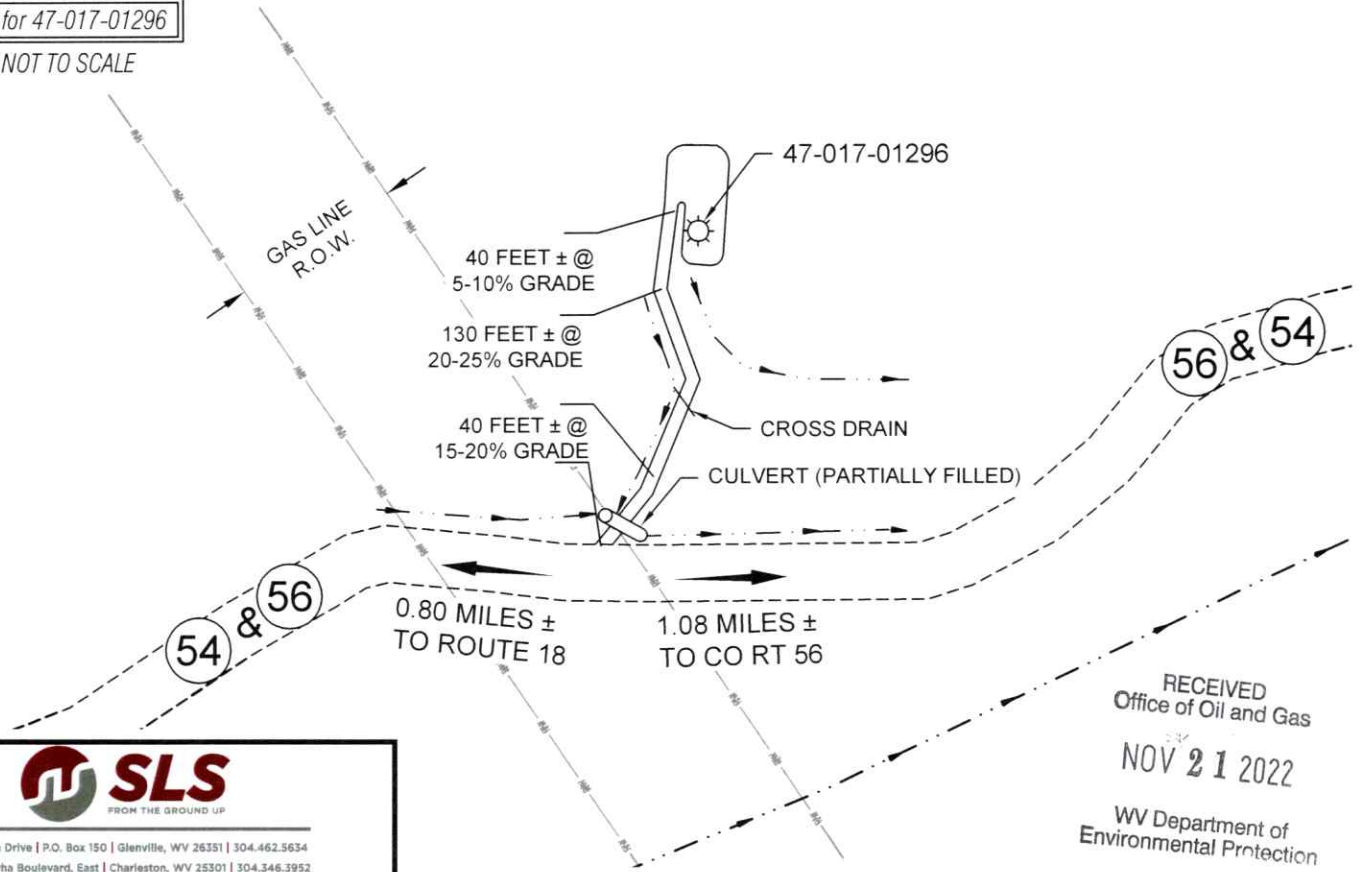
STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

- = EXISTING CULVERT
- = PROPOSED CULVERT 15" MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

Detail Sketch for 47-017-01296

Detail Sketch NOT TO SCALE



RECEIVED
Office of Oil and Gas
NOV 21 2022
WV Department of
Environmental Protection



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slswv.com

TOPO SECTION OF SMITHBURG, WV
7.5' TOPO QUADRANGLE

12/23/2022

DRAWN BY JDR	FILE NO. 9287	DATE 11-7-2022	CADD FILE: 9287-SURV-REC-R00- JDR-221107.DWG
-----------------	------------------	-------------------	--



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

Plugging permits issued 4701700114 01700814 01701296

1 message

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

Tue, Dec 20, 2022 at 2:06 PM


To: Henry J Harmon <henry.j.harmon@wv.gov>, Isaiah M Richards <isaiah.m.richards@wv.gov>, dsponaug@assessor.com


To whom it may concern plugging permits have been issued for 4701700114 01700814 01701296.


James Kennedy


WVDEP OOG


6 attachments


 **4701700814.pdf**
3754K

 **IR-8 4701700814.pdf**
12K

 **4701700114.pdf**
4831K

 **IR-8 4701700114.pdf**
120K

 **4701701296.pdf**
3568K

 **IR-8 4701701296.pdf**
120K

12/23/2022