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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, August 21, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

U.S. DEPT. OF INTERIOR, NATIONAL PARK SERVICE  
PO BOX 246  
104 MAIN ST., NEW RIVER GORGE NAT. PARK & PRESERVE  
GLEN JEAN, WV 25846

Re: Permit approval for 1  
47-019-00082-00-00

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: MOWER LUMBER CO.  
U.S. WELL NUMBER: 47-019-00082-00-00  
Vertical Plugging  
Date Issued: 8/21/2023

# 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.

08/25/2023



2/01

1) Date 7/18, 2023  
2) Operator's Well No. 1418154  
3) API Well No. 47-019-00082

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 1454 Watershed Gauley River 5050005  
District New Haven County Fayette Quadrangle Ansted

6) Well Operator US, DOI National Park Service 7) Designated Agent Bryan Wender  
Address PO Box 25287 Address 400 James Road  
Denver, CO 80225 Fayetteville, WV 25846

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Terry Urban Roy Howard 8/4/23 Name North Wind Site Services, LLC  
Address PO Box 1287 173 Beechgrove Ave Address 1425 Higham St  
Clendenen, WV 26045 OAK HILL, WV 25901 Idaho Falls, ID 83402

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

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

Work order approved by inspector [Signature] Date 8/9/23  
08/25/2023





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Fayetteville*

WELL RECORD

Permit No. FAY-82 Oil or Gas Well gas  
(KIND)

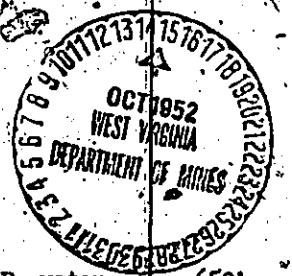
Company MOWER LUMBER COMPANY  
Address Masonic Building, Charleston, W. Va.  
Farm Mower Lumber Company Acres 189,805  
Location (waters) Ganley River  
Well No. 1-E-16158 Elev 1457.21'  
District Mt. Cove County Fayette  
The surface of tract is owned in fee by Mower Lumber Co  
Address Charleston, W. Va.  
Mineral rights are owned by same  
Address \_\_\_\_\_  
Drilling commenced 6-7-52  
Drilling completed 8-27-52  
Date Shot not shot From \_\_\_\_\_ To \_\_\_\_\_  
With see acidizing record on reverse side  
Open Flow 14 /10ths Water in 2 Inch  
Volume 158,000 Cu. Ft.  
Rock Pressure 110 lbs. 70 hrs.  
Coal 1988-1997 small show bbls., 1st 24 hrs.  
Fresh water 127' 100' 659' feet  
Salt water 1072-75' 1082-91' feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>Larkin</u>
<u>14"</u>	<u>22'</u>	<u>22'</u>	<u>Upside Down</u>
<u>10 1/4" 100'</u>	<u>635' 7"</u>	<u>pulled</u>	Size of <u>7x2x3x3</u>
<u>8 1/4" 24'</u>	<u>1272' 10"</u>	<u>pulled</u>	Depth set <u>755-765'</u>
<u>6 1/2" 7" 23'</u>	<u>1762' 6"</u>	<u>1762' 6"</u>	
<u>5 3/8"</u>			
<u>3"</u>			Perf. top
<u>2 3/8" 14'</u>	<u>1961' 7"</u>	<u>1961' 7"</u>	Perf. bottom
Liners Used	<u>with 2" cage</u>		Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date  
see reverse side

COAL WAS ENCOUNTERED AT 127 FEET 36 INCHES  
156 FEET 24 INCHES 603 FEET 36 INCHES  
7 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Top soil			0				
Yellow Sand			3	15			
Blue Slate			15	50			
Slate & Shells, Grey			50	74			
Grey Lime			74	87			
Dark Slate			87	90			
Gray Sand			90	127			
Coal			127	130			
Grey Slate			130	150			
White Sand			150	196			
Slate & Sand			196	224			
Dark Lime			224	253			
Grey Sand			253	427			
Blue Slate			427	437			
White Sand			437	456			
Coal			456	458			
White Sand			458	465			
Broken Lime			465	503			
Dark Sand			503	512			
Coal			512	516			
Dark Slate			516	559			
Broken Lime			559	603			
Coal			603	606			
Grey Lime			606	632			
Grey Sand			632	650			
White Sand			650	774			
Dark Lime			774	776			
Grey Sand			776	786			
Black Lime			786	793			
Broken Lime			793	818			
Grey Sand			818	828			
Slate & Shells			828	862			
Grey Sand			862	925			
Black Lime			925	972			
White Slate			972	990			
Slate & Shells			990	1011			
Grey Sandy Lime			1011	1072			
Grey Sand			1072	1092			
Grey Lime			1092	1110			



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127' AUG 10 2023  
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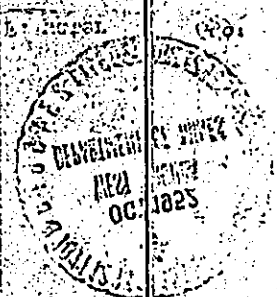
F. water 100' 2-13" blr/hr.

F. water 659' 1-10" blr/hr.

S. water 1072-75' 1 to 10" hole full  
S. water 1082-91'

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			1110	1150			
Dark Lime			1150	1158			
Grey Sand			1158	1226			
White Sand			1226	1256			
Grey Lime			1256	1260			
Red Rock			1260	1263			
Grey Lime			1263	1267			
Red Rock	1265' DIM-1259' SLM		1267	1280			
Grey Broken Sand			1280	1312			
Dark Lime			1312	1323			
Red Rock			1323	1326			
Dark Lime			1326	1343			
Slate & Shells			1343	1385			
Red Rock			1385	1407			
Slate & Shells			1407	1416			
Red Rock and Lime			1416	1490			
Slate & Shells			1490	1500			
Grey Sand			1500	1536			
Blue Slate			1536	1538			
Grey Sand			1538	1560			
Grey Lime			1560	1580			
Blue Slate			1580	1615			
Lime			1615	1622			
Slate & Shells			1622	1639			
Black Lime			1639	1680			
Slate & Shells			1680	1700			
Blue Slate			1700	1731			
Big Lime	1746' DIM-1748' SLM		1731	1870	Gas	1781-86'	84 MCF
Indian Sand			1870	1881	Gas	1799-1806'	119 MCF
Grey Sand	1784' DIM-1786' SLM		1881	1900	Gas	1806-1811'	110 MCF
Grey Lime			1900	1930			
Red Lime			1930	1945			
Grey Gritty Lime			1945	1981	Oil	1988-1997'	small show
Sand			1981	2028			
Blue Slate			2028	2040			
Lime Shells			2040	2070			
TOTAL DEPTH			2070'	2070'			
Filled back to			1970' DIM-1971' SLM				
<b>Acidizing Record</b>							
Filled back to 1971' SLM, Acidized 94-52 with 1000-gallons acid, displaced (with 1500 gal. water) and 4/5th pint Tertol. Before acidizing gas gauged 103,000 cubic feet. Final open flow after acidizing 158 MCF.							
<b>Casing Record</b>							
10-3/4" casing not Aquapelled							
8-5/8" casing							
7" casing							



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**API: 47-019-00082**  
**Permit: FAY-82**  
**Farm Name: Mower Lumber Company**  
**Fayette County, WV**  
TD: 2070' (Filled back to 1970')  
Elevation: 1457.21'

**Casing Schedule:**

**14" @ 22'**  
**10 3/4" pulled**  
**8 1/4" Pulled**  
**7" @ 1726'6"**

**Coal: 606'-603', 458'-456', 130'-127'**  
**Gas: 1988', 1806', 1799', 1791'**  
**Oil: 1988'**  
**Water: 1082', 1072', 659', 400', 127'**

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**Notes:** \*Class A or Class L Cement shall be used for all cement plugs.

\*6% gel must be used between all cement plugs.

\*100' Class A or Class L Cement Plugs must be set 50' and 50' out of all casing cuts.

\*Any casing that cannot be retrieved or is not cemented, must be perforated at all Class A or Class L Cement Plugs.

- 1) Notify WV DEP State Inspector Roy Howard 681-990-2568 a minimum of 48 hours prior to beginning plugging operations.
- 2) MIRU. Check CSIP/TSIP and record. Blow down and check TD.
- 3) Release packer and TOOH w/ tubing. Inspect tubing.
- 4) TIH w/ tubing to <sup>1988'</sup>1970'. Pump 30 bbls of 6% gel water. Set <sup>312'</sup>294' Cement plug from <sup>1988'</sup>1970' to 1676' (covering oil and gas show, 7" casing seat). TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off with cement as needed.
- 5) TOOH w/ tubing. Free-point 7" casing. Cut and pull 7" casing. If 7" free-point is above 1457', perforate casing @ 1457', 1400', and 1357'. TIH w/ tubing to 1457'. Set 100' cement plug from 1457' to 1357' (covering elevation). TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off with cement as needed.
- 6) If casing cut is at or below 1457', TIH w/ with tubing to 50' inside of casing cut. Set 100' cement plug 50' in and 50' out of casing cut. TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off with cement as needed.

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- 7) TIH w/ tubing to 1082'. Pump 150' cement plug from 1082' to 932' (water show 1082'-1072').  
TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off with cement as needed.
- 8) TIH w/ tubing to 700'. Set 150' cement plug from 700' to 550' (water 659', coal 606'-603').
- 9) TOOH w/ tubing to 508'. Set 158' cement plug from 508' to 350' (Coal 456-458', water 400').
- 10) TOOH w/ tubing to 200'. Circulate cement from 200' to surface. TOOH w/ tubing.
- 11) Top off cement as needed, install monument to WV DEP Specs, RDMO.
- 12) Reclaim location/lease road to WV DEP Specs.

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**SURFACE OWNER WAIVER**

Operator's Well  
Number

47-019-00082

**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) 926-0460

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name <u>NATIONAL PARK SERVICE</u>	
Signature		By <u>CHARLES D. SELLERS</u>	
		Its <u>SUPERINTENDENT</u>	Date <u>8/21/23</u>
		Signature <u><i>Charles D. Sellers</i></u>	Date <u>8/21/23</u>

08/25/2023



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.



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.

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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

08/25/2023

WW-9  
(5/16)

API Number 47 - 019 - 00082  
Operator's Well No. 1-F-16158

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

Operator Name National Park Service OP Code \_\_\_\_\_

Watershed (HUC 10) 5050005 Galey River Quadrangle Ansted

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 \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

\*\*\*ANY EFFLUENT MUST BE CONTAINED IN TANKS AND WILL BE DISPOSED OF AT AN APPROVED FACILITY OFF SITE

Will closed loop system be used? If so, describe: \_\_\_\_\_

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. \_\_\_\_\_

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

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Additives to be used in drilling medium? \_\_\_\_\_

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Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. \_\_\_\_\_

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

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-Landfill or offsite name/permit number? \_\_\_\_\_

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 \_\_\_\_\_

Company Official (Typed Name) Kimberley Kearney, PMP

Company Official Title President

Subscribed and sworn before me this 26<sup>th</sup> day of July, 2023

Marie DeRocco Notary Public

My Commission expires 08/01/2026



08/25/2023



Operator's Well No. \_\_\_\_\_

Proposed Revegetation Treatment: Acres Disturbed 5 Prevegetation pH \_\_\_\_\_

Lime 23 Tons/acre or to correct to pH \_\_\_\_\_

Fertilizer type 10-10-20 or similar

Fertilizer amount 300 temp - 500 permanent lbs/acre

Mulch Straw 2 to 3 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Cereal Rye	40-60

Seed Type	lbs/acre
Cereal Rye	75
Bottlebrush Grass	3-6
Deertongue Grass	3-6

\*Seeding per NPS specifications

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: Ray Howard

Comments: Seed and Mulch

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Title: Inspector RH

Date: 8/9/23

Field Reviewed? ( ) Yes ( ) No



UTM ZONE 17N-NAD83  
N-4,230,485m.  
E-496,749m.  
LAT:38.222340  
LON:81.037141

FARM NAME  
THE MOWER LUMBER CO.

NICHOLAS COUNTY  
JEFFERSON DISTRICT  
TM 35-2  
USA  
1576.48 AC. +/-

FAYETTE CO.  
NEW HAVEN DIST.  
TM 4-3  
USA  
COMPANY LLC  
172.27 ACRES +/-

FAYETTE CO.  
NEW HAVEN DIST.  
TM 4-4  
McCUTCHEON  
24.97 AC. +/-

NICHOLAS COUNTY  
JEFFERSON DISTRICT  
TM 35-7  
SZILAGYI IMRE  
97.6 AC. +/-

FAYETTE CO.  
NEW HAVEN DIST.  
TM 4-26  
W. POC. PROP.  
2.12 AC. +/-

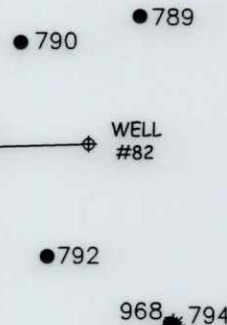
FAYETTE CO.  
NEW HAVEN DIST.  
TM 4-5  
COGAR  
14.30 AC. +/-

FAYETTE CO.  
NEW HAVEN DIST.  
TM 4-6  
LANE  
19.00 AC. +/-

FAYETTE CO.  
NEW HAVEN DIST.  
TM 4-25  
USA  
10.67 AC. +/-

WELL #82

WELL #82



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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



WEST VIRGINIA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION,  
OFFICE OF OIL AND GAS

MOODY LAND SURVEYING, LLC  
ST. MARYS, WV 26170



JOSHUA E. MOODY, P.S. 2020

DATE 4/05/23  
OPERATOR'S WELL  
WELL No. 1

JOB # 23-005(82)  
DRAWING # REGION8FCWELL82  
SCALE 1" = 500'

MINIMUM DEGREE OF  
ACCURACY 1/2500  
PROVEN SOURCE OF ELEV.  
OPUS

WEST VIRGINIA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  OTHER   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1454' WATERSHED GAULEY RIVER API WELL # 47-019-00082  
DISTRICT NEW HAVEN COUNTY FAYETTE STATE COUNTY PERMIT  
QUADRANGLE ANSTED 7.5'

SURFACE OWNER UNITED STATES OF AMERICA ACREAGE 172.27 ACRES +/-  
OIL & GAS ROYALTY OWNER LEASE ACREAGE

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR  
STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION

OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
PLUG & ABANDON  CLEAN OUT & REPLUG

TARGET FORMATION ESTIMATED DEPTH: 2070' (FILLED BACK TO 1970')  
WELL OPERATOR UNKNOWN WVDEP PAID PLUGGING CONT. DESIGNATED AGENT JASON HARMON, WVDEP  
ADDRESS 601 57TH ST. ADDRESS 601 57TH ST.  
CHARLESTON, WV25304 (WVDEP) CHARLESTON, WV 25304

08/25/2023

COUNTY NAME PERMIT



Q:\Coal Lease Closures\Leases\080114 WV Region 8 Federal Plugging Project\080114 WV Region 8 Federal Plugging Project.aprx

API Number:  
4701900082



Lucas Rd

RECEIVED  
Office of Oil and Gas  
AUG 10 2023  
WV Department of  
Environmental Protection

**NORTHWIND**  
SITE SERVICES

Region 8 Federal Plugging Project

Legend  
Well Location



Map showing location of  
Well API 4701900082

Ansted USGS 7.5' Quad



0 125 250 500



Feet

08/25/2023



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

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## plugging permit issued 4701900082

1 message

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

Mon, Aug 21, 2023 at 10:50 AM

To: Nicki McKenzie <nicole.mckenzie@northwindgrp.com>, Henry J Harmon <henry.j.harmon@wv.gov>, Roy W Howard <roy.w.howard@wv.gov>, eyoung1@assessor.state.wv.us

To whom it may concern, a plugging permit has been issued for 4701900082.

James Kennedy

WVDEP OOG

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 **4701900082.pdf**  
2765K

08/25/2023