



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

Monday, September 18, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 2-S-120351
47-067-00689-00-00

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, is written over the text of his name and title.

Operator's Well Number: 2-S-120351
Farm Name: TUCKER, LEE, ETUX
U.S. WELL NUMBER: 47-067-00689-00-00
Vertical Plugging
Date Issued: 9/18/2023

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

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.

09/22/2023

1) Date July 21, 2023
2) Operator's
Well No. Hagaman-Morris-Tucker U2 120351
3) API Well No. 47-067-00689

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 1424.44' Watershed Gauley River
District Jefferson County Nicholas Quadrangle Ansted 7.5'

6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
Address 414 Summers Street Address P.O. Box 381087
Charleston, WV 25301 Birmingham, AL 35238

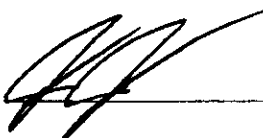
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8) Oil and Gas Inspector to be notified Name Jeremy James
Address PO Box 36
Clendenin, WV 25045
9) Plugging Contractor Name Next LVL Energy (Diversified Owned)
Address 104 Helliport Loop Rd
Bridgeport, WV 25330

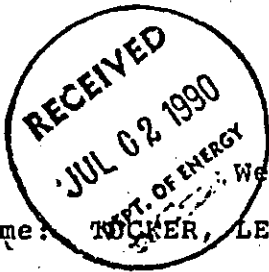
10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached

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

Work order approved by inspector  Date 8-21-23

09/22/2023



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

Well Operator's Report of Well Work

Farm name: ROCKER, LEE ETUX. Operator Well No.: 2-S-120351

LOCATION: Elevation: 1405.50 Quadrangle: ANSTED

District: JEFFERSON County: NICHOLAS
Latitude: 6450 Feet South of 38 Deg. 15Min. 0 Sec.
Longitude 1900 Feet West of 81 Deg. 0 Min. 0 Sec.

Company: ASHLAND EXPLORATION PROPE
P. O. BOX 391
ASHLAND, KY 41114-0391

Agent: FORREST E. BURKETT

Inspector: CRAIG DUCKWORTH
Permit Issued: 03/07/90
Well work Commenced: 03/29/90
Well work Completed: 06/15/90
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig _____
Total Depth (feet) 2042
Fresh water depths (ft) 94'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16"	40'	40'	17.7
8 5/8"	1262'	1262'	383
4 1/2"	2025'	2025'	232
2 3/8" @ 1856' KB			

Salt water depths (ft) Approx. 1176' & 1021'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): Not Noted During Drilling

OPEN FLOW DATA

Big Lime 1683-1848
Blue Monday 1617-1623
Middle Maxton 1447-1454

Producing formation Middle Maxton Pay zone depth (ft) _____
Gas: Initial open flow 133 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 847 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 3 Hours
Static rock Pressure 485 psig (surface pressure) after 72 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 CHANGE, THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

AUG 22 2023

For: ASHLAND EXPLORATION PROPERTIES, INC
Department of Environmental Protection
By: James L. Stephens, Jr. - Eng. Tech.
Date: June 27, 1990

09/22/2023

Plugging Prognosis

API #: 4706700689

West Virginia, Nicholas County

Casing Schedule

16" @ 40' (Cemented to Surface w/ 17.7 cu ft)

8-5/8" @ 1262' (Cemented to Surface w/ 383 cu ft)

4 1/2" @ 2025' (Cemented to Surface w/ 163 cu ft)

2-3/8" @ 1856'

TD @ 2025'

Completion: Producing Sand: Big Lime – 1683'-1848'; Blue Monday – 1617'-1623'; Middle Maxton 1447'-1454'

Fresh Water: 94'

Salt Water: 1021'; 1176'

Gas Shows: None listed

Oil Shows: None listed

Coal: None listed

Elevation: 1405'

1. Notify Inspector Jeremy James @ 304-951-2596, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Pull tbg and lay down.
4. Check TD w/ wireline and run CBL to confirm cement to surface
5. TIH w/ tbg to 1848'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 877' Class L cement plug from 1848' to 971' (Big Lime, Blue Monday and Middle Maxton Completion, Salt water, 8-5/8" csg shoe and Elevation Plug). Tag TOC. Top of as needed.
6. TOOH w/ tbg to 971'. Pump 6% bentonite gel from 971' to 150'.
7. TOOH w/ tbg to 150'. Pump 150' Class L cement plug from 150'- Surface (16" csg shoe, freshwater, and Surface plug).
8. Reclaim well site and erect plugging monument to WV DEP specifications.



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1) Date: 7/21/2023
2) Operator's Well Number Hagaman-Morris-Tucker U2 120351

3) API Well No.: 47 - 067 - 00689

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>James & Susan Tawney</u>	Name _____
Address <u>PO Box 651</u>	Address _____
<u>Summersville, WV 26651</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>James & Susan Tawney</u>
	Address <u>PO Box 651</u>
	<u>Summersville, WV 26651</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Jeremy James</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 36</u>	Name _____
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>(304) 951-2596</u>	

FILED
and Gas

AUG 22 2023

Environmental Protection

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.

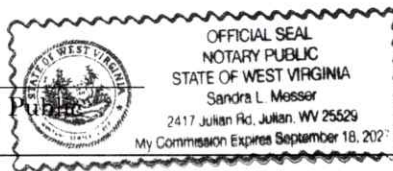
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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
 Its: Manager Plugging Operations
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707

Subscribed and sworn before me this 21st day of July 2023

Sandra L. Messer
My Commission Expires Sept. 18, 2027

Notary Public



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.

09/22/2023

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

USPS CERTIFIED MAIL™



9407 1361 0544 0116 6788 16



JAMES & SUSAN TAWNEY
PO BOX 51
SUMMERSVILLE WV 26651

US POSTAGE AND FEES PAID
2023-07-24
25301
C4000004
Retail
5.0 OZ/ELAT



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Department of Environmental Protection

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DIVERSIFIED
energy

Date: 7/21/2023

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

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

API Number 4706700689 Well Name Hagaman-Morris-Tucker U2 120351

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

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

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west virginia department of environmental protection

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

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

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

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

ORDER NO. 2022-13

REPORT OF THE OFFICE

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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.

09/22/2023

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.

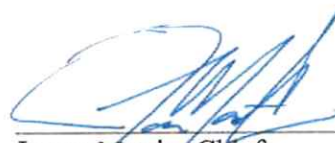
ORDER

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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09/22/2023

WW-9
(5/16)

API Number 47 - 067 - 00689
Operator's Well No. Hagaman-Morris-Tucker U2 120351

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) Gauley River Quadrangle Ansted 7.5'

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

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

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

Proposed Disposal Method For Treated Pit Wastes:

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

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

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

Additives to be used in drilling medium? N/A

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

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

-Landfill or offsite name/permit number? N/A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

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WV Department of Environmental Protection

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 21st day of July, 2023

Sandra L. Messer Notary Public
My commission expires Sept. 18, 2027



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

Line 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount TBD 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		

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WV Department of Environmental Protection

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: Jeremy James 

Comments: _____

Title: inspector OOG Date: 8-21-23

Field Reviewed? () Yes () No

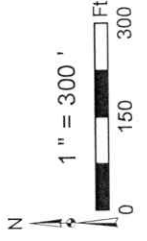


Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville KY, 41051

47-067-00689
Plugging Map

Legend

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



Well No.: 47-067-00689
UTM 83-17 Meters
North: 4231605.09
East: 499433.52
Elev.: 434.28 M
Elev.: 1424.44 Ft

49

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WV Department of
Environmental Protection

09/22/2023

WW-7
8-30-06



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

API: 4706700689 WELL NO.: _____ Hagaman-Morris-Tucker U2 120351

FARM NAME: Tucker, Lee et ux

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Nicholas DISTRICT: Jefferson

QUADRANGLE: Ansted 7.5'

SURFACE OWNER: James & Susan Tawney

ROYALTY OWNER: James & Susan Tawney

UTM GPS NORTHING: 4231605.09

UTM GPS EASTING: 499433.52 GPS ELEVATION: 1424.44'

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West Virginia Department of Environmental Protection

The Responsible Party named above has chosen to submit GPS coordinates 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.

Austin Sutler
Signature

Austin Sutler - Manager Plugging Operations
Title

7/21/23
Date

09/22/2023



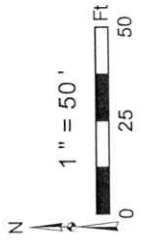
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville, KY, 41051

47-067-00689

Plugging Map

Legend

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



Well No.: 47-067-00689
UTM 83-17 Meters
North: 4231605.09
East: 499433.52
Elev.: 434.28 M
Elev.: 1424.44 Ft



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WV Department of
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09/22/2023

067-0689

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N.Y. Department of
Environmental Protection

09/22/2023

25 47-067-689

FORM WW-2B

Page 1 of 1

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

- 1) Well Operator: Ashland Exploration Properties, Inc. *2705 (4) 213*
Hagaman-Morris-Tucker Unit
- 2) Operator's Well Number: 2, Serial #120351 3) Elevation: 1405.5
- 4) Well type: (a) Oil or Gas
(b) If Gas: Production Underground Storage
Deep Shallow
- 5) Proposed Target Formation(s): Weir
- 6) Proposed Total Depth: 2041'KB feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: 1176'KB 1021
- 9) Approximate coal seam depths: None Operated - Solid
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: *Drill & Stimulate New Well*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	16	LS	42.0	30	30	CTS
Fresh Water						
Coal						<i>38518-11.3</i>
Intermediate	8 5/8	J55	24.0	1226	1226	<i>38518-11.2.2</i> CTS
Production	4 1/2	J55	10.5	2041	2041	<i>38518-11.1</i> As Needed
Tubing	2 3/8	J55	4.7	-	1991	Siphon
Liners						

10186

PACKERS : Kind _____
Sizes _____
Depths set _____

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FEB 09 2023
DIVISION OF OIL AND GAS

For Division of Oil and Gas Use Only

DEPARTMENT OF ENERGY
WV Department of Environmental Protection

506828

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

Plat WW-9 WW-2B Bond *surety* Agent

(Type) 09/22/2023

IR-26
OBVERSE

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE _____

API# 47- 67-00689

ELEVATION: 1405.50

OPERATOR: ASHLAND EXPLORATION PROPERTIES

DISTRICT: JEFFERSON

TELEPHONE: (304)732-6677

QUADRANGLE: ANSTED

FARM: TUCKER, LEE ETUX.

COUNTY: NICHOLAS

WELL NO.: 2-S-120351

SURFACE OWNER _____

COMMENTS (Y/N) _____ TELEPHONE _____

TARGET FORMATION _____

DATE APPLICATION RECEIVED 02/09/90

DATE PERMIT ISSUED: 03/07/90

DATE LOCATION STARTED 3-14-90 NOTIFIED X DRILLING COMMENCED 3-29-90

WATER DEPTHS _____

RECEIVED

COAL DEPTHS _____

DEC 11 90

Division of Energy
Oil and Gas Section

CASING

RAN <u>1251</u>	FEET OF <u>8 5/8</u>	" PIPE ON <u>3-31-90</u>	WITH <u>325 sgs</u>	FILL UP
RAN _____	FEET OF _____	" PIPE ON _____	WITH _____	FILL UP
RAN _____	FEET OF _____	" PIPE ON _____	WITH _____	FILL UP
RAN _____	FEET OF _____	" PIPE ON _____	WITH _____	FILL UP
RAN _____	FEET OF _____	" PIPE ON _____	WITH _____	FILL UP

PITS

PIT DISCHARGE DATE 7-25-90 TYPE _____

FIELD ANALYSIS pH 7.2 Fe .7 mg/l Cl 21816 mg/l

D.O. 5 mg/l TOC _____ mg/l

WELL RECORD RECEIVED _____

DMR RECEIVED _____

DATE RELEASED ~~7-25-90~~ 12-5-90

Reclamation Score 9.5
WV Department of Environmental Protection

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Office of Oil and Gas

AUG 22 2023

Craig Duckworth
INSPECTOR'S SIGNATURE

-----RECORD ALL VISITS TO THIS WELL ON BACK-----

09/22/2023

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FEB 09 1990

Page 1 of 2
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: February 7, 1990
2) Operator's well number Serial #120351
Hagaman-Morris-Tucker Unit, Well #2
3) API Well No: 47 - 067 - 0689
State - County - Permit

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

4) Surface Owner(s) to be served:
(a) Name Lee Tucker, et ux
Address Route 2, Box 400
Summersville, WV 26651
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Craig Duckworth
Address Box 107, Davisson Rt.
Gassaway, WV 26624
Telephone (304) 364-5942

5) (a) Coal Operator:
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name Lee Tucker, et ux
Address Route 2, Box 400
Summersville, WV 26651
Name _____
Address _____
(c) Coal Lessee with Declaration
Name Land Use Corporation
Address 300 Greenbrier Road
Summersville, WV 26651

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
_____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
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, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the **RECEIVED** information is true, accurate, and complete. Office of Oil and Gas

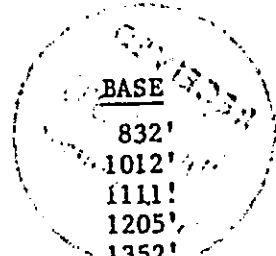
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. **RECEIVED** AUG 22 2023
Well Operator Ashland Exploration Properties, Inc.
By: J. T. Mellinger
Its: Manager Eastern Region
Address P.O. Box 391
Ashland, KY 41114
Telephone 606/329-5450

Subscribed and sworn before me this 7th day of February, 1990
Vicki M. Nantz Notary Public
My commission expires November 23, 1990

09/22/2023

FORMATION OR ROCK TYPE

TOP



FORMATION OR ROCK TYPE	TOP	BASE
Sand & Shales	0'	832'
Lower Lee Sand	832'	1012'
Sand & Shales	1012'	1111'
Ravenscliff	1111'	1205'
Shale	1205'	1352'
Stray Maxton	1352'	1378'
Shale	1378'	1414'
Middle Maxton	1414'	1504'
Sand & Shales	1504'	1552'
Little Lime	1552'	1607'
Blue Monday	1607'	1628'
Pencil Cave	1628'	1674'
Big Lime	1674'	1898'
Injun	1898'	1923'
Upper Weir	1923'	1948'
Shale	1948'	TD

DTD 2042'KB LTD 2038'KB

WELL TREATMENT

Perforate Big Lime 34H/1683-1848. Acidize Big Lime using 3000 gal 15% treated Fe acid, 2000 gal 28% treated acid & 35 perf balls. BD @ 1500#, ATP 1160# @ 6.2 BPM, MTP 4400#, ISIP 1050#, 15 min 950# & TF 205 bbls. Good ball action.

Perforate Blue Monday 18H/1617-1623. 75 Quality foam frac using 500 gal 15% inh Fe acid, 1000 gal 25% treated Methanol, 50,000# 20/40 sand & 455,000 SCF N₂ @ 9100 SCF/min. BD @ 1942#, ATP 1807# @ 20 BPM foam rate, MTP 2058#, ISIP 1440#, 15 min 1088# & TF 303 bbls.

Perforate Middle Maxton 28H/1447-1454. 75 Quality foam frac using 500 gal 15% inh Fe acid, 1000 gal 25% treated Methanol, 50,000# 20/40 sand & 435,000 SCF N₂ @ 9100 SCF/min. BD @ 1536#, ATP 2229# @ 20 BPM foam rate, MTP 2414#, ISIP 1638#, 15 min 1523# & TF 304 bbls.

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Office of Oil and Gas

AUG 22 2023

WV Department of
Environmental Protection

10/10/1

09/22/2023

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FEB 26 1990

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

"C" to Loc. No. 2 is 665' of new road to be built, and will require grading, ditching, and installation of bulverts as shown. Straw bales will be used as sediment barriers where needed. Water breaks as necessary will be cut in Phase II.

Barn

Loc. No. 2

Install 15" CMP w/
Crushed Stone Headwalls

(2) Graves

Divert Branch

"B" to "C" is 400' of existing farm road which is soft and requires application of crushed stone.

Install 36" CMP w/
Crushed Stone Headwalls

Install triple 24" CMP w/
Crushed Stone Headwalls

Lee Tucker, et ux

Harry Morris, Jr., et al

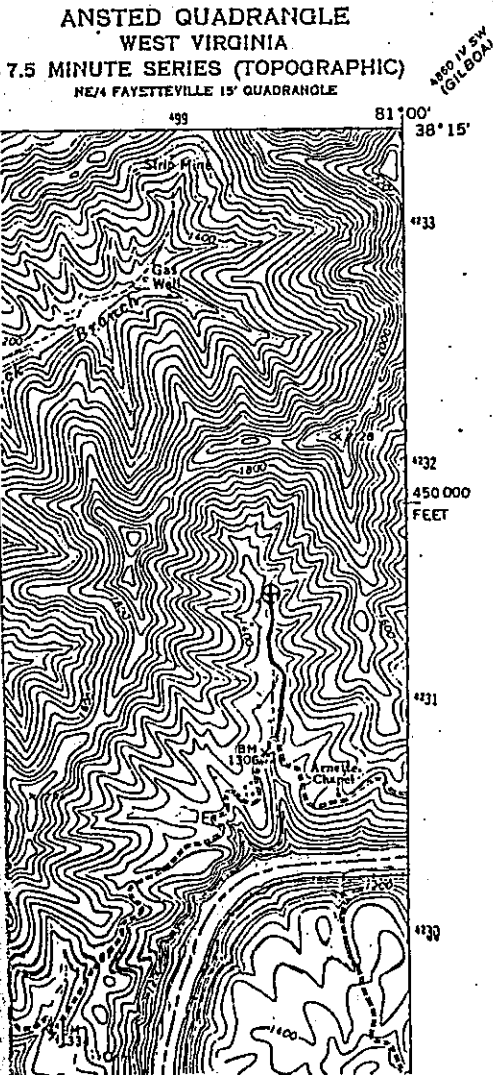
Existing Pond

"A" to "B" is 1,020' of existing farm road which requires only correction of wet spots.

Clean existing ditch where necessary
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AUG 22 2023

Replace existing 18" CPP with 18" CMP to be coordinated with Department of Environmental Protection



1" = 200'

22

4 H. E.
09/22/2023

590 000 FEET

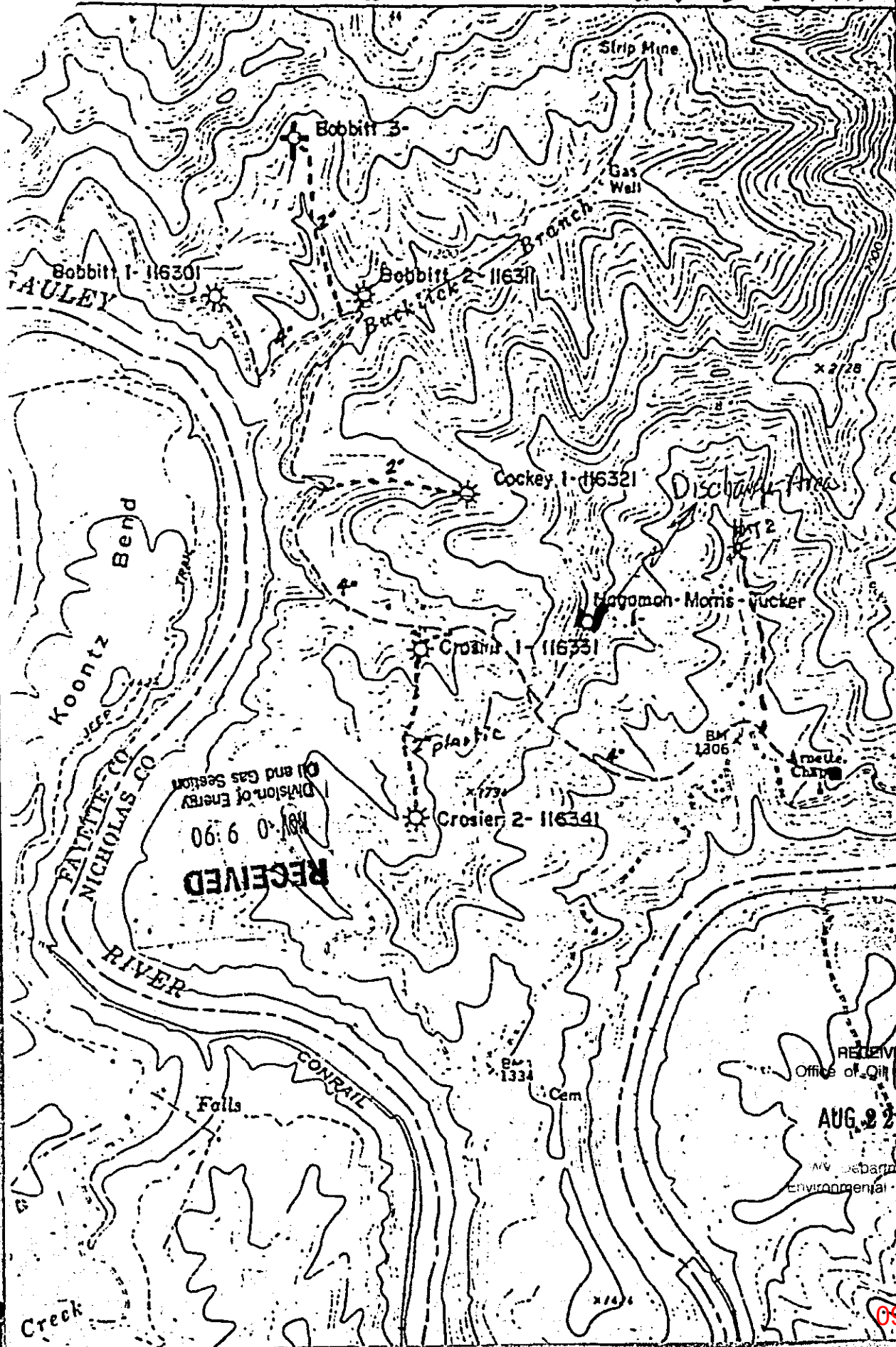
498

499

1° 22' 10"

81° 00'

38° 15'



433

432

450 000 FEET

431

430

429

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NOV 09 1990
Division of Energy
Oil and Gas Section

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Office of Oil and Gas
AUG 22 2023
U.S. Department of
Environmental Protection

12'30"
09/22/2023

11/10/2016

PLUGGING PERMIT CHECKLIST
4706700689

RECEIVED
Office of Oil and Gas

AUG 22 2023

WV Department of
Environmental Protection

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**

09/22/2023

WW-4B

API No. 4706700689
Farm Name Tucker, Lee et ux
Well No. Hagaman-Morris-Tucker U2 120351

**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.

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Office of Oil and Gas
AUG 22 2023
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 _____

09/22/2023

SURFACE OWNER WAIVER

Operator's Well
Number

Hagaman-Morris-Tucker U2 120351

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and 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
09/22/2023

RECEIVED
Office of Oil and Gas
AUG 22 2023
WV Department of Environmental Protection



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

plugging permit issued 4706700689

1 message

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


Mon, Sep 18, 2023 at 3:20 PM

To: Chris Veazey <CVeazey@dgoc.com>, Phyllis Copley <pcopley@dgoc.com>, Austin Sutler <asutler@nextlvenergy.com>, Jeremy E James <jeremy.e.james@wv.gov>, edennison@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4706700689.

James Kennedy

WVDEP OOG

 **4706700689.pdf**
2605K

09/22/2023