



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

Thursday, June 27, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

EQT PRODUCTION COMPANY
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit approval for 3-1853
47-103-01235-00-00

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: MILLS, JOHN
U.S. WELL NUMBER: 47-103-01235-00-00
Vertical Plugging
Date Issued: 6/27/2024

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

1) Date May 1, 2024
2) Operator's
Well No. Mills 1853
3) API Well No. 47-103 - 01236

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 1366' Watershed Wyatt Run
District Grant County Wetzel Quadrangle Pine Grove 7.5'

6) Well Operator EQT Production Company 7) Designated Agent Joseph C. Mallow
Address 400 Woodcliff Drive Address 427 Midstate Drive
Canonsburg PA 15317 Clarksburg, WV 26301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Stephen McCoy Name R&J
Address 13016 Indian Creek Address 1087 Raccoon Road
Jacksonburg, WV 26377 Hueysville, KY 41640

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

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MAY 21 2024
WV Department of
Environmental Protection

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

Work order approved by inspector Stephen Mccoy Digitally signed by Stephen Mccoy
Date: 2024.05.06 09:26:13 -04'00' Date _____



Site Pictures
Mills 1853
47-103-00000



Mills 1853 Well Pad Site



Mills 1853 Well Pad Site

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WV Department of
Environmental Protection

BIRCH RIVER OFFICE

237 Birch River Road
Birch River, WV 26610

phone: 304-649-8606 fax: 304-649-8608

BRIDGEPORT OFFICE

172 Thompson Drive
Bridgeport, WV 26330

phone: 304-848-5035 fax: 304-848-5037

CHARLESTON OFFICE

301 RHL Boulevard - Suite 5
Charleston, WV 25309

phone: 304-756-2949 fax: 304-756-2948



Mills 1853 Well Pad Site



Mills 1853 Well Pad Site

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WV Department of
Environmental Protection

Mills, John 3-1853
L-027993
Wetzel County, WV
Grant Township
API # 47-103-01235
By: EQT Corporation
Date: 05/07/2024

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Current Status:

11 3/4" casing @ 31', no cement reported
8 5/8" casing @ 2250', cmtd w/450 sks
4 1/2" casing @ 4500', cmtd w/300 sks
Stimulated from 3386'-3912' (15 holes) | 2954'-3212' (17 holes) | 2462'-2554' (26 holes)
TD: 4512'

Elevation: 1372'
Fresh Water @ 55'
Salt Water @ 2000'
Coal @ 600'
Gas @ 3386'-3912' | 2954'-3212' | 2462'-2554'
Oil @ 3386'-3912' | 2954'-3212' | 2462'-2554'

*Cement plugs will be cemented with Class A or Class L cement

1. Notify State Oil and Gas Inspector **Stephen McCoy @ (681) 344-3265**, 48 hours in advance of commencement of plugging operations.
2. Conduct Tailgate Safety Meeting. Complete JSA's as required.
3. MIRU rig. Begin plugging and abandonment operations.
4. Check pressures on all casings with a gauge. Blow down the well into a grounded tank with a secure line.
5. RIH w. tools to check TD. Notify EQT Rep and DEP OGI of attainable bottom.
6. TIH w/ tubing to approved TD and Pump 6% gel from TD to 1500'.
7. Set ~~TD~~ of Class A or Class L cement plug from ~~4100'~~ ^{4512'} to 2350', let cement cure. (Perforations covered)
8. Pump in no more than 500' pulls of cement at a time.
9. Check TD with wireline if cement plug is there, pull bond log on the 4 1/2" casing from cement top to surface. Share Log wit EQT and DEP Reps.
10. TIH w/ wireline and cut 4 1/2" casing and pull casing.
11. TIH w/ tubing to 50' in 4 1/2" casing stub and pump Class A or Class L cement from 50' in the 4 1/2" stub to 150' out of the stub. Let cement cure. (Casing cut)
12. Check TD, if TD good TIH w/ tubing to 2450', pump 550' Class A or Class L cement from 2450' to 1900'. (8 5/8" casing seat, Salt Water show)
13. Trip tubing up to 1350', set Class A or Class L cement plug from 1350' to 1250'. (Elevation)
14. Trip tubing up to 650' set Class A or Class L cement plug from 650' to 500'. (Coal show)
15. Trip tubing up to 200', set Class A or Class L cement plug from 200' to surface. (11 3/4" casing seat)
16. Top off as needed.
17. Install monument to WV DEP regulations (API – Date – Plugged – EQT on monument)
18. Rig Down, move off.

Stephen
Mccoy

Digitally signed by Stephen
McCoy
Date: 2024.05.15 08:48:01
-04'00'



IV-35
(Rev 8-81)

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FEB 24 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date Dec. 16, 1981
Operator's
Well No. 3-1853
Farm John Mills
API No. 47 - 103 - 1235

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Office Of Oil and Gas

MAY 21 2024

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WV Department of
Environmental Protection

WELL TYPE: (Oil / Gas / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /))

LOCATION: Elevation: 1372 Watershed Fishing Creek
District: Green County Wetzel Quadrangle Pine Grove 7.5

COMPANY Carnegie Natural Gas Company
ADDRESS 800 Regis Avenue, Pittsburgh, Pa.15236
DESIGNATED AGENT J. C. Stephenson
ADDRESS PO Drawer No. 387, Mannington, WV 26582
SURFACE OWNER Lewis Wetzel Public Hunting Area
ADDRESS State of WV, Charleston, WV 25305
MINERAL RIGHTS OWNER Mills-Wetzel Land, Inc.
c/o Elston Bank & Trust Co.
ADDRESS Drawfordville, Indiana 47933
OIL AND GAS INSPECTOR FOR THIS WORK Phillip L.
Tracy ADDRESS PO Box 173
Middlebourne, WV 26149
PERMIT ISSUED May 27, 1981

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	2176	2176	450 sacks
7			
5 1/2			
4 1/2	3969	3969	300 sacks
3			
2			
Liners used			

DRILLING COMMENCED July 15, 1981
DRILLING COMPLETED July 21, 1981
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4500 feet
Depth of completed well 4512 feet Rotary X / Cable Tools _____
Water strata depth: Fresh _____ feet; Salt _____ feet
Coal seam depths: _____ Is coal being mined in the area? _____

OPEN FLOW DATA Warren and Fourth Sands 3386-3912
co-mingled 30 foot, 50 foot, and Berea Sands 2954-3212
Producing formation Big Injun Sand Pay zone depth 2462-2554 feet
Gas: Initial open flow 41.5 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow Show Mcf/d Final open flow 1/2 Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

06/28/2024

B-2

John Mills Well No. 3-1853 - Permit No. 47-103-1235

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
Filled back to 3969'

Perforations: 1st Stage: 3386-3912 - 15 holes. Warren and Fourth Sands
2nd Stage: 2954-3212 - 17 holes. 30 Foot, 50 Foot, and Berea Sands
3rd Stage: 2462-2554 - 26 holes. Big Injun Sand

Fractured: August 31, 1981

<p>1ST STAGE 500 Gals. HCL 15% Acid 20,000# 80/100 Sand 40,000# 20/40 Sand 479 Bbls. Water</p>	<p>2ND STAGE 500 Gals. HCL 15% Acid 20,000# 80/100 Sand 40,000# 20/40 Sand 498 Bbls. Water</p>	<p>3RD STAGE 500 Gals. HCL 15% Acid 20,000# 80/100 Sand 40,000# 20/40 Sand 487 Bbls. Water</p>
--	--	--

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale	Brown & Gray		0	50	
Sand	Gray		50	138	
Shale	Gray		138	165	
Red Rock	Red		165	175	
Shale	Gray		175	210	
Red Rock	Red		210	215	
Shale	Gray		215	230	
Sand	Gray		230	350	
Red Rock	Red		350	360	
Shale	Gray		360	846	
Sandy Shale	Gray		846	915	
Sand	Gray		915	960	
Sandy Shale	Gray		960	1070	
Sand	Gray		1070	1090	
Shale	Gray		1090	1680	
Lime	Whitish		1680	1715	
Shale	Black		1715	1722	
Shale	Gray		1722	1970	
Sand	Gray		1970	2020	
Shale	Gray		2020	2045	
Sand	White		2045	2135	
Shale	Black & Gray		2135	2320	
Big Lime	Pinkish White		2320	2415	
Big Injun	White		2415	2580	
Shale	Gray		2580	2630	
Sand	Gray		2630	2655	
Shale	Gray		2655	3190	
Sand	Brown		3190	3210	
Shale	Gray		3210	4290	
Sand	Brown		4290	4310	
Shale	Gray		4310	4512	
Total Depth				4512	

(Attach separate sheets as necessary)

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MAY 21 2024

WV Department of
Environmental Protection

CARNEGIE NATURAL GAS COMPANY

Well Operator

By:

Raymond S. ...

09/06/28/2024

Date:

2-21-83

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

John Mills Well No. 3-1853 - Permit No. 47-103-1235

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

Filled back to 3969' ^{4th} ^{WT}
 Perforations: 1st Stage: 3386-3912 - 15 holes. Warren and Fourth Sands
 2nd Stage: 2954-3212 ^{3rd} 17 holes. 30 Foot, 50 Foot, and Berea Sands
 3rd Stage: 2462-2554 - 26 holes. Big Injun Sand
 Fractured: August 31, 1981

1ST STAGE
 500 Gals. HCL 15% Acid
 20,000# 80/100 Sand
 40,000# 20/40 Sand
 479 Bbls. Water

2ND STAGE
 500 Gals. HCL 15% Acid
 20,000# 80/100 Sand
 40,000# 20/40 Sand
 498 Bbls. Water

3RD STAGE
 500 Gals. HCL 15% Acid
 20,000# 80/100 Sand
 40,000# 20/40 Sand
 487 Bbls. Water

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale	Brown & Gray		0	50	
Sand	Gray		50	138	
Shale	Gray		138	165	
Red Rock	Red		165	175	
Shale	Gray		175	210	
Red Rock	Red		210	215	
Shale	Gray		215	230	
Sand	Gray		230	350	
Red Rock	Red		350	360	
Shale	Gray		360	846	
Sandy Shale	Gray		846	915	
Sand	Gray		915	960	
Sandy Shale	Gray		960	1070	
Sand	Gray		1070	1090	
Shale	Gray		1090	1680	
Lime	Whitish		1680	1715	
Shale	Black		1715	1722	
Shale	Gray		1722	1970	
Sand	Gray		1970	2020	
Shale	Gray		2020	2045	
Sand	White		2045	2135	
Shale	Black & Gray		2135	2320	
Big Lime	Pinkish White		2320	2415	
Big Injun	White		2415	2580	
Shale	Gray		2580	2630	
Sand	Gray		2630	2655	
Shale	Gray		2655	3190	
Sand	Brown		3190	3210	
Shale	Gray		3210	4290	
Sand	Brown		4290	4310	
Shale	Gray		4310	4512	
Total Depth	Speechley (?)			4512	

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 MAY 21 2024
 WV Department of
 Environmental Protection

(Attach separate sheets as necessary)

CARNEGIE NATURAL GAS COMPANY

Well Operator

By:

Rayn S. ... 06/28/2024

Date:

2-21-83

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ... encountered in the drilling of a well."

WW-4A
Revised 6-07

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1) Date: May 1, 2024
2) Operator's Well Number
Mills 1853

MAY 21 2024

3) API Well No.: 47 - 103 - 01235

WV Department of Environmental Protection
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>West Virginia Conservation Agency</u>	Name _____
Address <u>1900 Kanawha Blvd. East</u>	Address _____
<u>Charleston, WV 25306</u>	
(b) Name _____	5) (b) Coal Owner(s) with Declaration
Address _____	Name <u>Mills Wetzel Lands Inc. c/o Daniel Sherlock</u>
	Address <u>222 N. Lasalle Street, Suite 2400</u>
(c) Name _____	<u>Chicago, IL 60601</u>
Address _____	Name _____
	Address _____
6) Inspector <u>Stephen McCoy</u>	5) (c) Coal Lessee with Declaration
Address <u>13016 Indian Creek</u>	Name _____
<u>Jacksonburg, WV 26377</u>	Address _____
Telephone <u>601-344-3265</u>	


TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

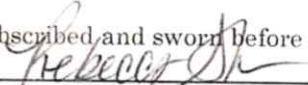
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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.

Commonwealth of Pennsylvania - Notary Seal
Rebecca Shrum, Notary Public
Beaver County
My commission expires March 9, 2028
Commission number 1267706
Member, Pennsylvania Association of Notaries

Well Operator EQT Production Company
 By: Erin Spine 
 Its: Regional Manager - Permitting
 Address 400 Woodcliff Drive
Canonsburg PA 15317
 Telephone (724) 271-7380

Subscribed and sworn before me this 1st day of May 2024

 My Commission Expires March 9, 2028 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 depprivacyoffier@wv.gov.

06/28/2024

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 2.83
Total Postage and	\$ 10.88



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WEST VIRGINIA CONSERVATION AGENCY
1900 KANAWHA BLVD. EAST
CHARLESTON WV 25306

53-24 MILLS 1853 - WW-4A NOTIFICATIONS

PS Form 3800, J...

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 2.83
Total Postage and	\$ 10.88



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MILLS WETZEL LANDS INC
C/O DANIEL SHERLOCK
222 N. LASALLE STREET SUITE 2400
CHICAGO IL 60601

53-24 MILLS 1853 - WW-4A NOTIFICATIONS

PS Form 3800, J...

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WV Department of
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06/28/2024

SURFACE OWNER WAIVER

Operator's Well
Number

Mills 1853

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

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Office Of Oil and Gas

MAY 21 2024

WV Department of
Environmental Protection

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,

Signature

Date

Name
By
Its

Date

Signature
06/28/2024
Date

API No.	<u>47-103-01235</u>
Farm Name	<u>John Mills</u>
Well No.	<u>Mills 1853</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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Office Of Oil and Gas
MAY 21 2024
WV Department of
Environmental Protection

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

Operator Name EQT Production Company OP Code 308686

Watershed (HUC 10) Wyatt Run Quadrangle Pine Grove 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 _____)
- _____ 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: _____

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Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. MAY 21 2024

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

WV Department of
Environmental Protection

Additives to be used in drilling medium? _____

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) _____

-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.

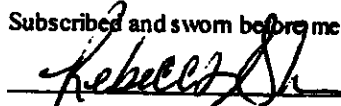
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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) Erin Spine

Company Official Title Regional Manager - Permitting

Subscribed and sworn before me this 15th day of May, 2024

 Notary Public

My commission expires March 9, 2028

Commonwealth of Pennsylvania - Notary Seal
Rebecca Shrum, Notary Public
Beaver County
My commission expires March 9, 2028
Commission number 1267706
Member, Pennsylvania Association of Notaries

06/28/2024

Proposed Revegetation Treatment: Acres Disturbed 1± Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type (10-20-20) or equivalent

Fertilizer amount 1/3 ton lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Aslike Clover	5	Aslike Clover	5
Annual Rye	15		

Attach:

Map(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: Stephen Mccoy Digitally signed by Stephen Mccoy
Date: 2024.05.06 09:25:10 -04'00'

Comments: Properly reclaim seed and mulch all disturbed areas.

RECEIVED
Office Of Oil and Gas

MAY 21 2024

WV Department of
Environmental Protection

Title: WV Oil and Gas Inspector Date: _____

Field Reviewed? () Yes () No

EQT Production Water plan

Offsite disposals

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive
Bridgeport, WV 26330
304-326-6027
Permit #SWF-1032-98
Approval #100785WV

Waste Management - Northwestern Landfill

512 E. Dry Road
Parkersburg, WV 26104
304-428-0602
Permit #SWF-1025 WV-0109400
Approval #100833WV

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Office Of Oil and Gas

MAY 21 2024

WV Department of
Environmental Protection

06/28/2024

Topo Quad: Pine Grove 7.5'

County: Wetzel

District: Grant

RECEIVED
Office Of Oil and Gas
MAY 21 2024
WV Department of
Environmental Protection

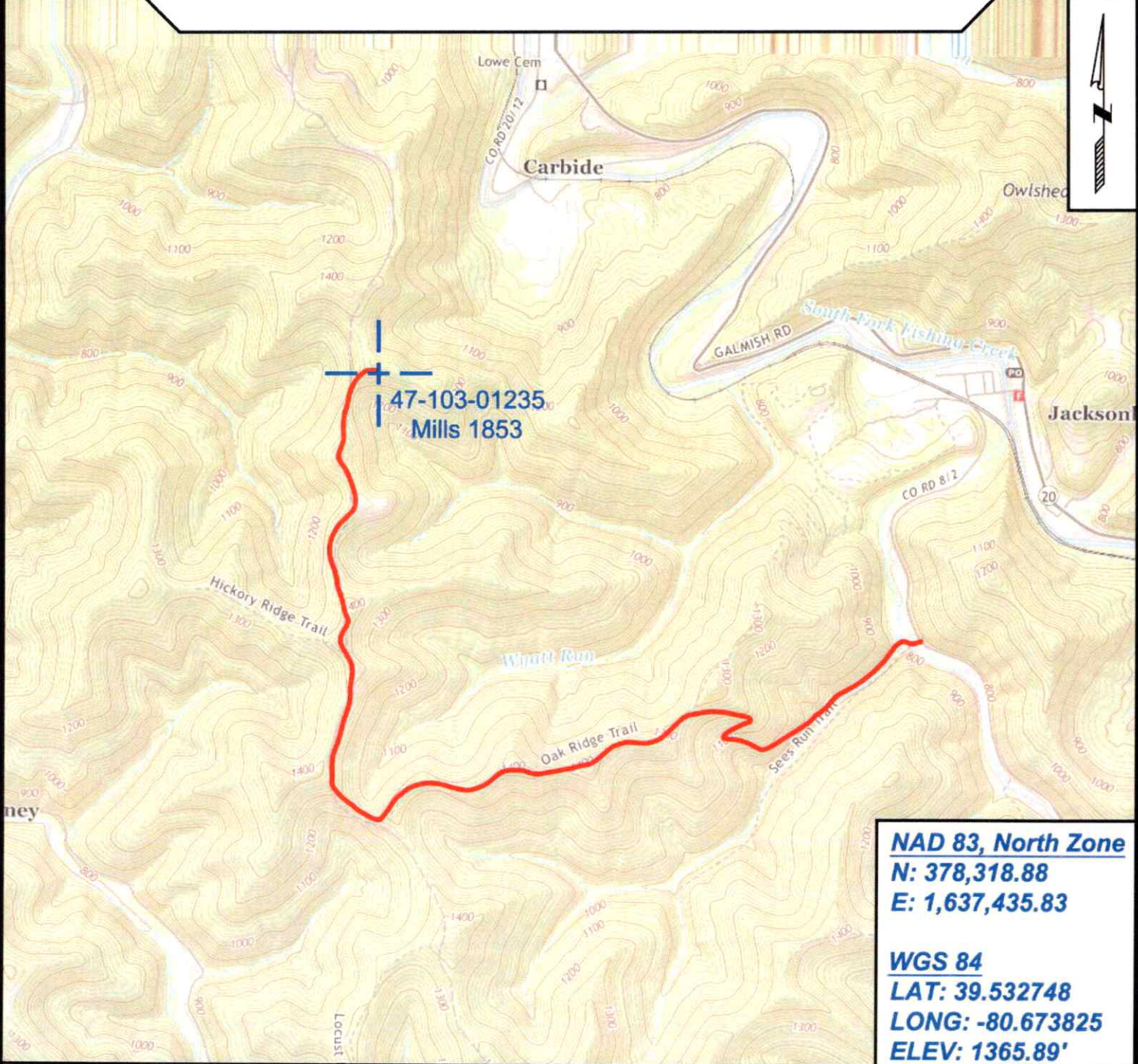
Scale: 1" = 2000'

Date: April 19, 2024

Project No: 53-34-G-24

47-103-01235 Mills 1853

Topo



NAD 83, North Zone
N: 378,318.88
E: 1,637,435.83

WGS 84
LAT: 39.532748
LONG: -80.673825
ELEV: 1365.89'



SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

1-800-482-8606
237 Birch River Road
Birch River, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

400 Woodcliff Drive
Canonsburg, PA 15317

06/28/2024



May 1, 2024

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Class L Cement Variance Request
Mills 1853 Well
Permit Number 47-103-01235
Grant District, Wetzel County

Dear Mr. Brewer,

EQT Production Company (EQT) has been notified by our cement providers that they will no longer be providing Class A cement. As a result of this, EQT is requesting the option to utilize Class L cement, if necessary, in place of Class A cement for its cement jobs.

The variance request from Legislative Rule 35CSR4 Section 11.5, related to the use of Class L Cement, was approved by the Office of Oil and Gas on September 13, 2022. A copy of the variance is included with this request.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Zavatchan'.

John Zavatchan
Project Specialist - Permitting

RECEIVED
Office Of Oil and Gas

MAY 21 2024

WV Department of
Environmental Protection

Enc.

06/28/2024



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

MAY 21 2024

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

MAY 21 2024

WV Department of
Environmental Protection

06/28/2024



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

API: 47-103-01235 WELL NO.: Mills 1853

FARM NAME: John Mills

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Wetzel DISTRICT: Grant

QUADRANGLE: Pine Grove 7.5'

SURFACE OWNER: WVA Conservation Commission

ROYALTY OWNER: _____

UTM GPS NORTHING: 4375950

UTM GPS EASTING: 528031 GPS ELEVATION: 416 m (1366 ft)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS _____ : Post Processed Differential _____
 Real-Time Differential _____
 Mapping Grade GPS X : Post Processed Differential X
 Real-Time Differential _____

RECEIVED
Office Of Oil and Gas

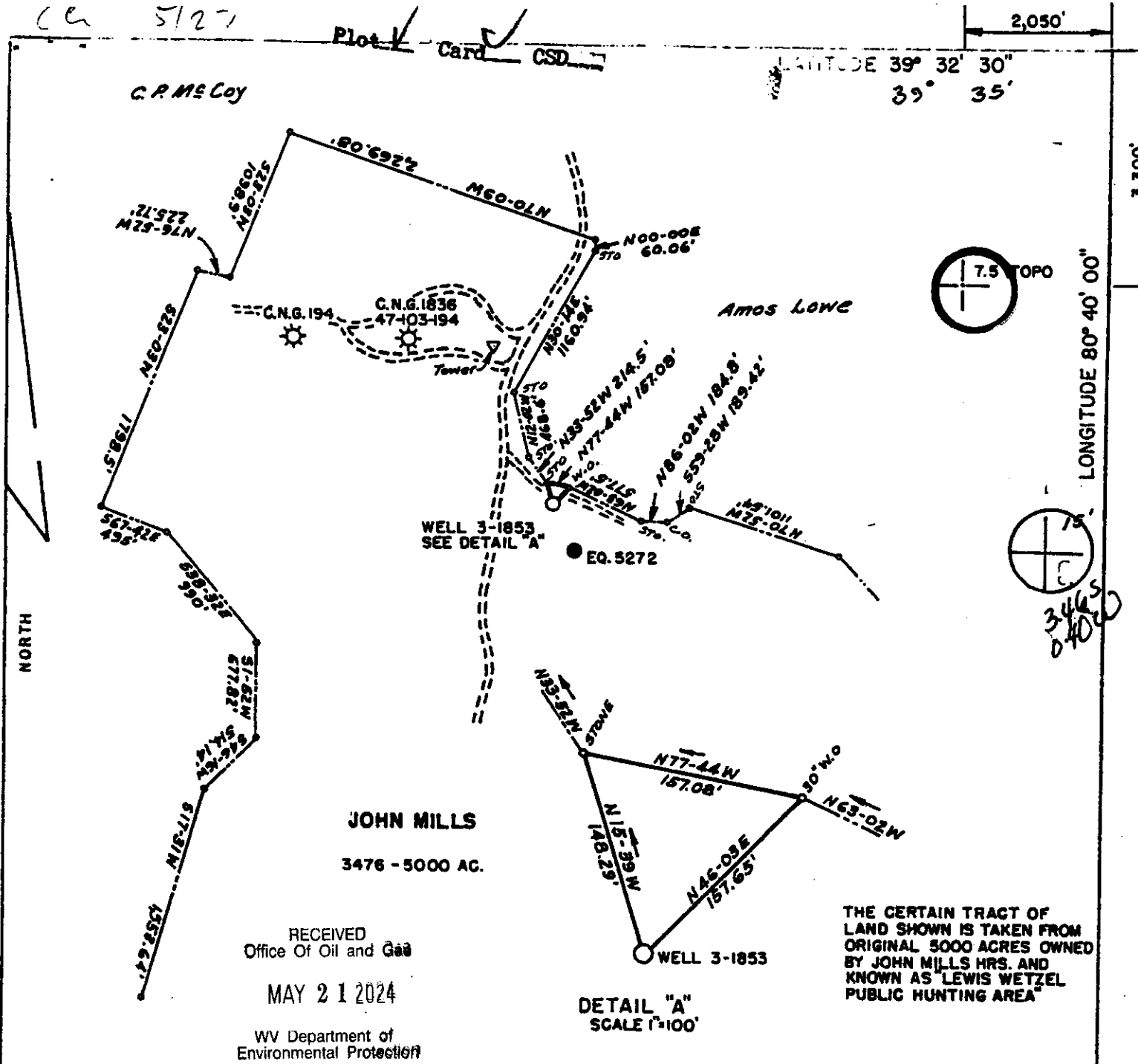
MAY 21 2024

WV Department of
Environmental Protection

- 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.

Ben R. Sykes P.S. 2092 4-26-24
 Signature Title Date



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MAXIMUM DEGREE OF
 ACCURACY 1" IN 200'
 PROVEN SOURCE OF
 ELEVATION TOWER, ELEV. 1462'

I THE UNDERSIGNED, HEREBY CERTIFY THAT
 THIS PLAT IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND BELIEF AND SHOWS ALL THE
 INFORMATION REQUIRED BY LAW AND THE REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES.
 (SIGNED) Steve R. Osborne
 R.P.E. _____ L.L.S. 028254E (PA)

PLACE SEAL HERE

(+) DENOTES LOCATION OF
 WELL ON UNITED STATES
 TOPOGRAPHIC MAPS
 FORM IV-6
 (9-73)



DATE MAY 8, 19 81
 OPERATOR'S WELL NO. 3-1853
 API WELL NO.
47 103 1235
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION ELEVATION 1372 WATER SHED WYATT RUN
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE PINE GROVE 7.5' Littleton
 SURFACE OWNER LEWIS WETZEL PUBLIC HUNTING AREA ACREAGE _____
 OIL & GAS ROYALTY OWNER MILLS WETZEL LANDS, INC. LEASE ACREAGE 5000
 LEASE NO. 3476

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

06/28/2024

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4,500'
 WELL OPERATOR CARNEGIE NATURAL GAS CO. DESIGNATED AGENT J.C. STEPHENSON, SUPERINTENDENT
 ADDRESS 3904 MAIN STREET ADDRESS P.O. BOX 387
MUNHALL, PA., 15120 MANNINGTON, W. VA., 26582



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAY 27 1981

RECEIVED
Office Of Oil and Gas
MAY 21 2024

WV Department of
Environmental Protection

Oil and Gas Division

OIL & GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION OF MINES

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE May 14, 1981

Surface Owner Louis Wetzel Public Hunting Area Company Carnegie Natural Gas Company
 Address State of W. Va., Charleston, WV 25305 Address 3904 Main St., Marshall, Pa. 15120
 Mineral Owner Mills-Wetzel Land, Inc. Farm John Mills Acres 5451
 Address 170 Kingston Park & Trust Co. Crawfordsville- Indiana 47933 Location (waters) Fishing Creek
 Coal Owner not known Well No. 3-1853 Elevation 1372
 Address _____ District Green County Wetzel
 Coal Operator none in area Quadrangle Pine Grove 7.5
 Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Drilling. This permit shall expire if operations have not commenced by 1-28-82.

INSPECTOR TO BE NOTIFIED Phillip L. Tracy
ADDRESS PO Box 173, Middlebourne, WV 26149
PHONE 758-4573

[Signature]
DIRECTOR - Oil & Gas Division

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated April 12 1895 by John Mills made to Carnegie Natural Gas Co. and recorded on the _____ day of _____ 19____ in Wetzel County, Book 47 Page 611
 NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
 _____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours, **CARNEGIE NATURAL GAS COMPANY**
(Sign Name) _____
Well Operator Div. Supt.
3904 Main Street
Street
Marshall
City or Town
Pennsylvania 15120
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

06/28/2024

47 - 103 - 1235 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by *[Signature]*

BLANKET BOND

G. Swr

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME not known _____ NAME J. C. Stephenson, Div. Supt. _____
 ADDRESS _____ ADDRESS PO Drawer No. 387, Mannington, WV 265 _____
 TELEPHONE _____ TELEPHONE 304-986-2060 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4500 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 <u>11-3/4"</u> <u>424</u>	<u>31'</u>		
9 - 5/8			
8 - 5/8 <u>244</u>		<u>2250'</u>	<u>To surface</u>
7			
5 1/2			
4 1/2 <u>10,500</u>		<u>4500'</u>	<u>2000'</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER 2000 FEET
 APPROXIMATE COAL DEPTHS 600
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified ~~at least~~ four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

RECEIVED
Office Of Oil and Gas

MAY 21 2024

WV Department of
Environmental Protection

For Coal Company

Official Title

06/29/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAY 27 1981

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED
Office Of Oil and Gas
MAY 21 2024
WV Department of
Environmental Protection

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE May 14, 1981

Surface Owner Lewis Wetzel Public Hunting Area Company Carnegie Natural Gas Company
 Address State of W. Va., Charleston, WV 25305 Address 3904 Main St., Munhall, Pa. 15120
 Mineral Owner Mills-Wetzel Land, Inc. Farm John Mills Acres 5451
 Address c/o Elston Bank & Trust Co. Crawfordville- Indiana 47933 Location (waters) Fishing Creek (WYATT RUN)
 Coal Owner not known Well No. 3-1853 Elevation 1372
 Address _____ District Green County Wetzel
 Coal Operator none in area Quadrangle Pine Grove 7.5
 Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Drilling. This permit shall expire if operations have not commenced by 1-28-82.

INSPECTOR
 TO BE NOTIFIED Phillip L. Tracy
 ADDRESS PO Box 173, Middlebourne, WV 26149
 PHONE 758-4573

Deputy Director - Oil & Gas Division
GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated April 12 ~~18~~ 1895 by John Mills made to Carnegie Natural Gas Co. and recorded on the _____ day of _____ 19____, in Wetzel County, Book 47 Page 611
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The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

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P. O. BOX 879
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AC-304 - 292-6331

Address of Well Operator

Very truly yours, CARNEGIE NATURAL GAS COMPANY
 (Sign Name) _____
 Well Operator Div. Supt.
3904 Main Street
 Street
Munhall
 City or Town
Pennsylvania 15120
 State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

09/08/2024

47 - 103 - 1235 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by James C. Stephenson

BLANKET BOND

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME not known _____ NAME J. C. Stephenson, Div. Supt. _____
 ADDRESS _____ ADDRESS PO Drawer No. 387, Mannington, WV 26588 _____
 TELEPHONE _____ TELEPHONE 304-986-2060 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4500 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale _____
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT PUT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 <u>11-3/4"</u> <u>42#</u>	<u>31'</u>		
9 - 5/8			
8 - 5/8 <u>24#</u>		<u>2250'</u>	<u>To surface</u>
7			
5 1/2			
4 1/2 <u>10.50#</u>		<u>4500'</u>	<u>2000'</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER 2000 FEET
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Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

09/06/28/2024

RECEIVED
 Office Of Oil and Gas
 MAY 21 2024
 WV Department of
 Environmental Protection

 For Coal Company

 Official Title

0908 7111 10

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Carnegie Natural Gas Designated Agent J.C. Stephenson, Div. Supt.
Address 3904 Main Street, Munhall, PA 15120 Address P.O. Box 387, Mannington, WV 26582
Telephone 412-462-7121 Telephone 304-986-2060
Landowner Lewis Wetzel Public Hunting Area Soil Cons. District Upper Ohio
Revegetation to be carried out by Same (Agent)

This plan has been received by Upper Ohio SCD. All corrections and additions become a part of this plan. 5/21/81 Rennett L. Plaster (Agent)

Access Road	Location
Structure <u>None</u> (A)	Structure <u>None</u> (1)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

RECEIVED
MAY 27 1981

All structures should be inspected regularly and repaired if necessary.

OIL & GAS DIVISION
DEPT. OF MINES

Revegetation

Treatment Area I			Treatment Area II		
Lime	<u>6.5</u>	Tons/acre	Lime	<u>6.5</u>	Tons/Acre
or correct to pH <u>6.5</u>			or correct to pH <u>6.5</u>		
Fertilizer	<u>1000</u>	lbs/acre	Fertilizer	<u>1000</u>	lbs/acre
(10-10-20 or equivalent)			(10-10-20 or equivalent)		
Mulch	<u>Hay</u>	<u>2</u> Tons/Acre	Mulch	<u>Hay</u>	<u>2</u> Tons/Acre
Seed*	<u>Ky 31 fescue</u>	<u>35</u> lbs/acre	Seed*	<u>Ky 31 fescue</u>	<u>35</u> lbs/acre
	<u>Ladino Clover</u>	<u>5</u> lbs/acre		<u>Ladino Clover</u>	<u>5</u> lbs/acre



*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

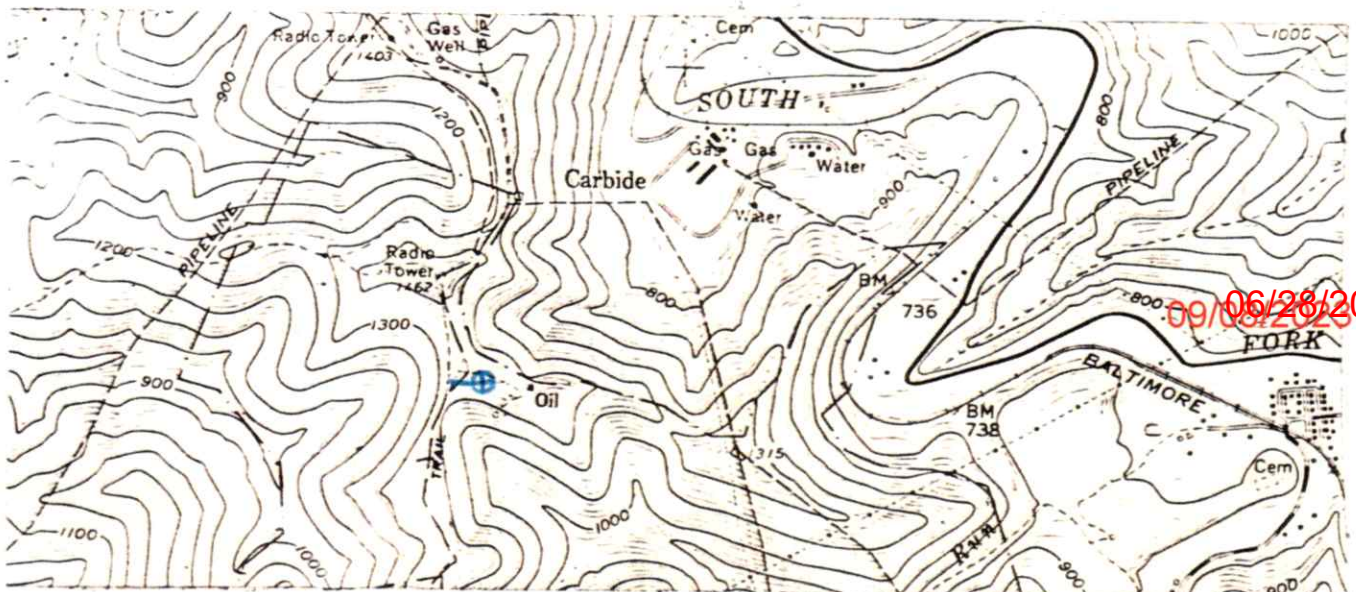
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WV Department of
Environmental Protection
Pine Grove

Attach or photocopy section of involved Topographic map. Quadrangle Pine Grove

Legend:  Well Site
 Access Road

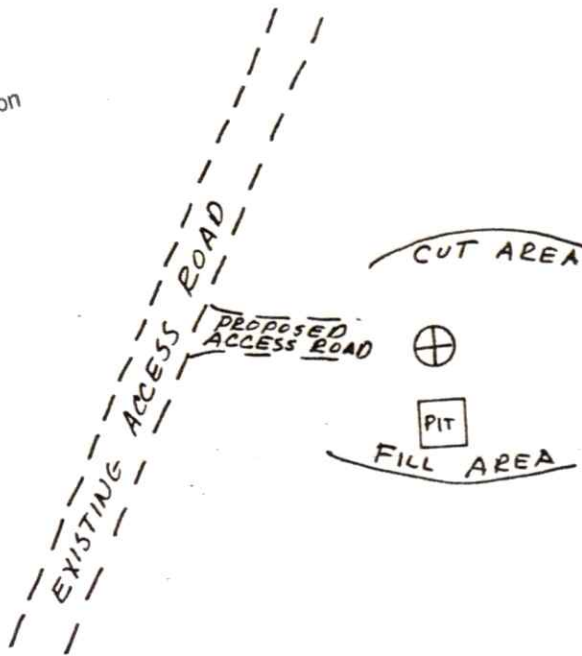


Well Site Plan

- Legend:
- Property Boundary
 - Road
 - Existing Fence
 - Planned Fence
 - Stream
 - Open Ditch
 - Diversion
 - Spring
 - Wet Spot
 - Building
 - Drain Pipe
 - Waterway

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.

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Comments: Road will be on same elevation as well site. All cuts and fill will be on a 2:1 slope. Road will be maintained after well is completed.

All trees and brush will be removed before any earthmoving. Timber will be cut and stacked.

Signature: James C. Stephenson P.O. Box 387, Mannington, WV 26582 304-986-2069
 Address Phone Number 06/28/2024

Please request landowners cooperation to protect new seeding for one growing season.



IV-35
(Rev 8-81)

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date Dec. 16, 1981
Operator's
Well No. 3-1853
Farm John Mills
API No. 47 - 103 - 1235

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WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1372 Watershed Fishing Creek
District: Green County Wetzel Quadrangle Pine Grove 7.5

COMPANY Carnegie Natural Gas Company
ADDRESS 800 Regis Avenue, Pittsburgh, Pa. 15236
DESIGNATED AGENT J. C. Stephenson
ADDRESS PO Drawer No. 387, Mannington, WV 26582
SURFACE OWNER Lewis Wetzel Public Hunting Area
ADDRESS State of WV, Charleston, WV 25305
MINERAL RIGHTS OWNER Mills-Wetzel Land, Inc.
c/o Elston Bank & Trust Co.
ADDRESS Drawfordville, Indiana 47933
OIL AND GAS INSPECTOR FOR THIS WORK Phillip L. Tracy
ADDRESS PO Box 173
Middlebourne, WV 26149
PERMIT ISSUED May 27, 1981
DRILLING COMMENCED July 15, 1981
DRILLING COMPLETED July 21, 1981

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	2176	2176	450 sacks
7			
5 1/2			
4 1/2	3969	3969	300 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4500 feet
Depth of completed well 4512 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt feet
Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA Warren and Fourth Sands 3386-3912
co-mingled, 30 foot, 50 foot, and Berea Sands 2954-3212
Producing formation Big Injun Sand Pay zone depth 2462-2554 feet
Gas: Initial open flow 41.5 Mcf/d Oil: Initial open flow Bbl/d
Final open flow Show Mcf/d Final open flow 1/2 Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

W.C.T. - 1235

09/06/28/2024

B-3

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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Permit No. wet 1235

Company Carnegie Gas Co
 Address _____
 Farm John mills
 Well No. 3-1853
 District Green County Wetzel
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4	1		Depth set _____
6 3/8			
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Checking Re Clamation, Re Claim work starting

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WV Department of
Environmental Protection

5-25-83
DATE

R.A. Lowther
009828/2024

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

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WV Department of
Environmental Protection

DATE I hereby certify I visited the above well on this date.

DISTRICT WELL NO. _____
0906/28/2024

B-11



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

October 7, 1983

Carnegie Natural Gas Company
800 Regis Avenue
Pittsburgh, Pa. 15236

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-4873	Mitilda Donaho, et al, #3-1838	Union
RIT-5172	Hiram Smith, #3-1846	Union
RIT-5674	J. B. Ballah, #2-1863	Union
RIT-5676	D. P. Mullenix, #2-1865	Union
RIT-5777	R. L. Drane, #1-1875	Union
WET-1235	John Mills, #3-1853	Green

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

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MAY 21 2024

WV Department of
Environmental Protection

TMS/

0906/28/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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SEP 20 1983

FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 103-1235 County Wetzel
Company Carnegie nat Gas Farm John Mills
Inspector R. Lowther Well No. 3-1853
Date _____

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	✓	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	✓	_____
25.01	Necessary Equipment to prevent Waste	✓	_____
23.03	Reclaimed Drilling Site	✓	_____
23.04	Reclaimed Drilling Pits	✓	_____
23.05	No surface or underground Pollution	✓	_____
7.03	Identification Markings	✓	_____

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WV Department of
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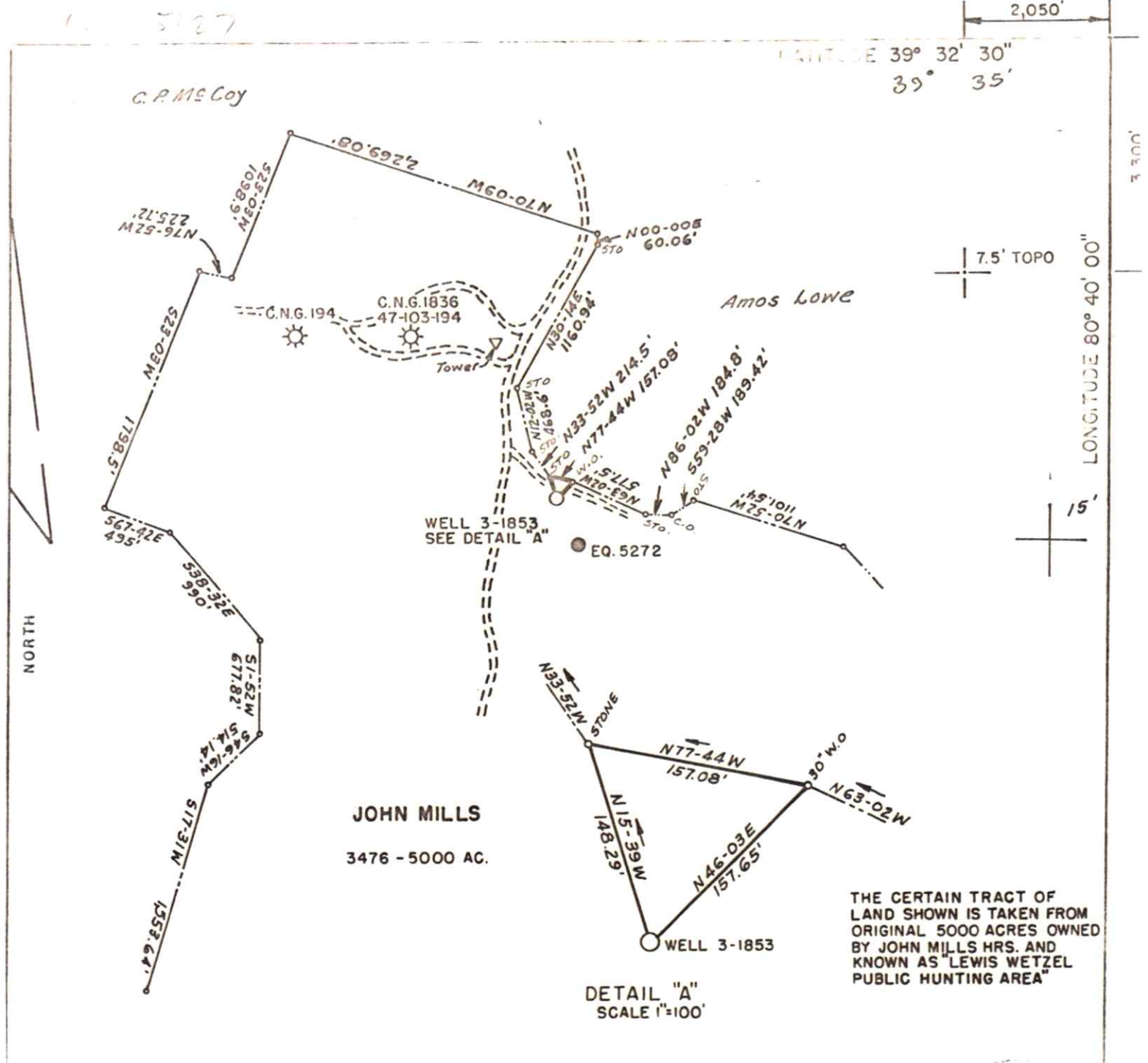
COMMENTS: This well was drilled before I
went to work

Release

I have inspected the above well and (HAVE) (HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: R. Lowther
DATE: 9-16-83

0906/28/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 HORIZONTAL DEGREE OF ACCURACY 1" IN 200'
 ELEVATION SOURCE OF TOWER, ELEV.=1462'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Dwight R. Anthony
 S.P.E. _____ L.L.S. 028254E (PA)

PLACE SEAL HERE

(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (9-78)
 RECEIVED
 Office Of Oil and Gas
 MAY 21 2024
 WV Department of Environmental Protection

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE MAY 8, 19 81
 OPERATOR'S WELL NO. 3-1853
 API WELL NO. 47 103 1235
 STATE COUNTY PERMIT

WELL TYPE: OIL LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION ELEVATION 1372 WATER SHED WYATT RUN
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE PINE GROVE 7.5'
 SURFACE OWNER LEWIS WETZEL PUBLIC HUNTING AREA ACREAGE _____
 OIL & GAS FIDELITY OWNER MILLS WETZEL LANDS, INC. LEASE ACREAGE 5000
 LEASE NO. 3476
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ PEDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4,500'
 WELL OPERATOR CARNEGIE NATURAL GAS CO. DESIGNATED AGENT J. C. STEPHENSON, SUPERINTENDENT
 ADDRESS 3904 MAIN STREET ADDRESS P.O. BOX 387
 MUNHALL, PA., 15120 MANNINGTON, W. VA., 26582

09/06/28/2024



Via Email

May 16, 2024

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Jeff McLaughlin
601 57th Street, SE
Charleston, WV 25304

**RE: Application for a Permit to Plug & Abandon
Mills 1853
API 47-103-01235
Grant District, Wetzel County, WV**

WVDEP Recipient,

Attached is EQT Production Company's application for a permit to plug and abandon for the well referenced above.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our land department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Sincerely,

Becky Shrum
Project Specialist - Permitting
bshrum@eqt.com
412-660-0654

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Office Of Oil and Gas
MAY 21 2024
WV Department of
Environmental Protection

06/28/2024