

KF 8-12-80

FORM IV-2
(Reverse)
[09-73]

Date: August 5, 1980

Operator's Well No. A-898

API Well No. 47-083-345
State County Permit

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas XXX /
(If "Gas", Production / Underground storage / Deep / Shallow XX /)
LOCATION: Elevation: 2440' Watershed: Long Run
District: Middle Fork County: Randolph Quadrangle: Cassity 7.5'

WELL OPERATOR ALLEGHENY LAND & MINERAL CO.
Address P. O. DRAWER 1740
CLARKSBURG, WV 26301

DESIGNATED AGENT ALLEGHENY LAND & MINERAL CO.
Address P. O. Drawer 1740
CLARKSBURG, WV 26301

OIL & GAS ROYALTY AND SURFACE OWNERS: Mrs. Neva McMullan, Exec.
U/W of Harry McMullan, Jr.
Route 5, Box 394
Washington, North Carolina 27889
Westvaco
203 Randolph Avenue
Elkins, West Virginia 26241

COAL OWNER: Mrs. Neva McMullan, Exec., Trustee
U/W of Harry McMullan, Jr.
Route 5, Box 394
Washington, North Carolina 27889
Westvaco
203 Randolph Avenue
Elkins, West Virginia 26241

Acreage 140

FIELD SALE (IF MADE) TO:

Name Columbia Gas Transmission Corp.
Address P. O. Box 498
Washington, PA 15301

COAL LESSEE: AMAX Coal Company
105 South Meridan Street
Indianapolis, Indiana 46225

International Coal Company
Greenbrier Valley Building
119 Washington Street, East
Lewisburg, West Virginia 24901

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AUG - 6 1980

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Robert S. Stewart
Address P. O. Box 345
Jane Lew, West Virginia 26378

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease xxx / other contract / dated June 14, 1971, to the undersigned well operator from Connecticut General Life & Harry McMullan, etux unto Manufacturers Light and Heat Company, subsequently unto Columbia Gas Transmission Corporation, thence unto Allegheny Land and Mineral Company with drilling rights. Recorded on July 30, 1971, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in Book 272 at page 433. A permit is requested as follows:

PROPOSED WORK: Drill XXX / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

03/22/2024

ALLEGHENY LAND & MINERAL COMPANY

BY: Daniel L. Wheeler
Daniel L. Wheeler
Vice President

BLANKET BOND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNION DRILLING COMPANY
 Address P.O. BOX 40
BUCKHANNON, WEST VIRGINIA 26201

GEOLOGICAL TARGET FORMATION, ELK
 Estimated depth of completed well, 5000 feet Rotary XX / Cable tools /
 Approximate water strata depths: Fresh, 376 feet; salt, feet.
 Approximate coal seam depths: 120 is coal being mined in the area?
 Yes / No XXX /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SIZE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS (cubic ft.)		Packer sizes
		GRADE	Weight Per ft.	New	Used	For drilling	left in well			
Conductor	16"				X	20'	20'	cement to surface	kinds	
Fresh Water	8-5/8"									
Coal	8-5/8"		20#	X		700'	700'	cement to surface	sizes	
Intermediate										
Production	4 1/2"		J 55 10.50#	X		5000'	5000'	cement to 300' above producing horizon	depths set	
Tubing										
Liners									performations: Top botto	

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code S 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code S 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code S 22-4-12a, and (v) if applicable, the consent required by Code S 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith. The W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if operations have not commenced by 4-13-81.

Fred B. Burdette
 Deputy Director - Oil & Gas Division

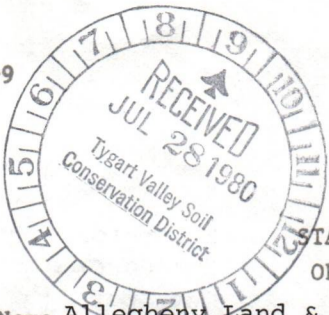
The Following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code S 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal 08/22/2024 at this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. 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: 19

By



Date July 24 19 80
Well No. A-898
API No. 47 - 083 - 345
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Allegheny Land & Mineral Co Designated Agent J. Ronald Cullen
Address P.O. Box 1740, Clarksburg, W.V. Address P.O. Box 1740, Clarksburg, W.V.
Telephone 623-6671 Telephone 623-6671
Landowner Neva S. McMullan (WestVaco) Soil Cons. District Tygarts Valley
Revegetation to be carried out by Halls Reclamation, Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan. 7/30/80 (Date)
Jean Freeman (SCD Agent)
Junior Hedrick

Access Road
Structure Drainage Ditch (A)
Spacing Earthen
Page Ref. Manual 1-10
Structure Culvert (B)
Spacing 12" Min. I.D.
Page Ref. Manual 1-8
Structure Rip-Rap (C)
Spacing Rock
Page Ref. Manual N/A

Location
Structure Drainage Ditch (1)
Material Earthen
Page Ref. Manual 1-10
Structure RECEIVED
Material RECEIVED
Page Ref. Manual RECEIVED
Structure JUL 31 1980
Material JUL 31 1980
Page Ref. Manual OIL & GAS DIVISION

All structures should be inspected regularly and repaired if necessary.
Ditch Reinspection 250' Spacing

DEPT. OF MINES

Revegetation

Treatment Area I
Lime 2.5 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 2 Tons/Acre
Seed* *See Below 40 lbs/acre

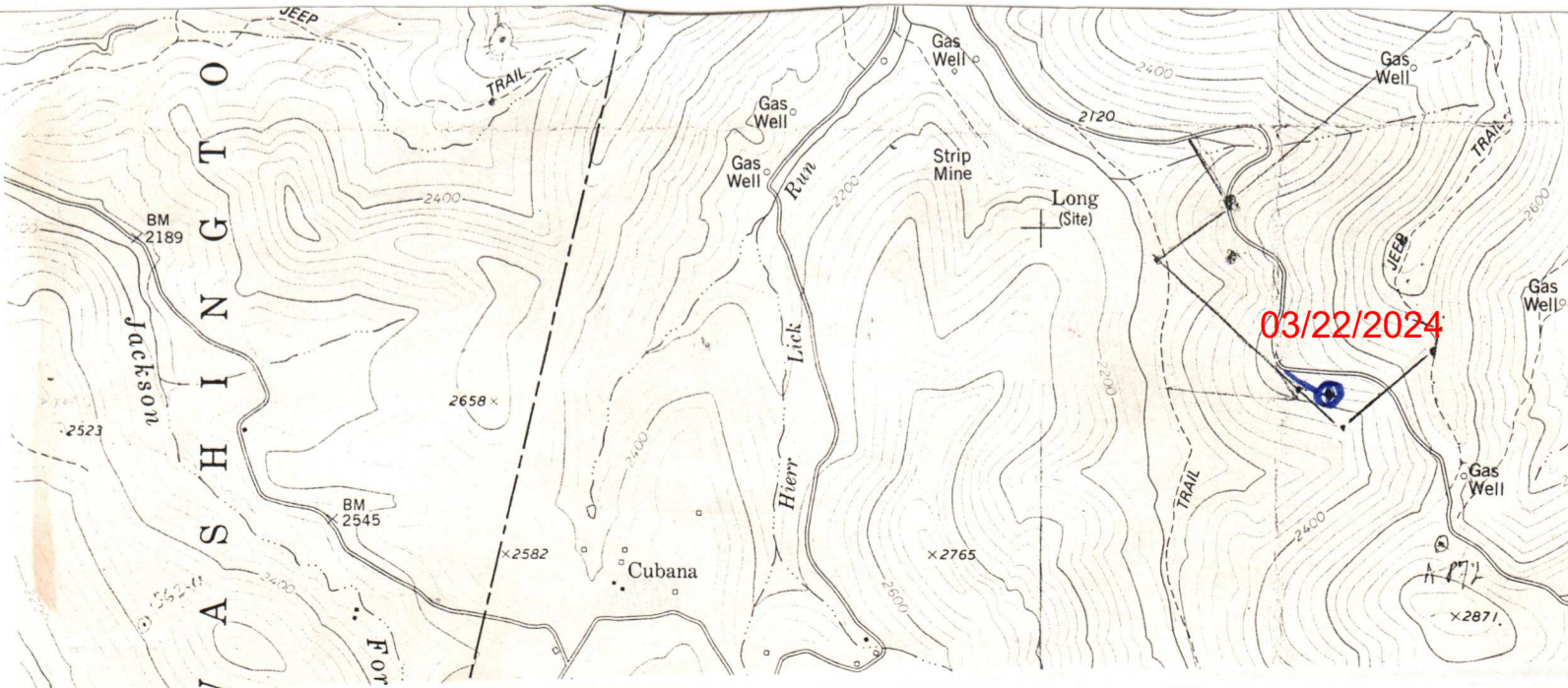
Treatment Area II
Lime 2.5 Tons/Acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 2 Tons/Acre
Seed* *See Below 40 lbs/acre

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

- *Kentucky 31 Fescue 20#
- Domestic Ryegrass 10#
- Birdsfoot Trefoil 10#

Attach or photocopy section of involved Topographic map. Quadrangle Cassity 7.5'

Legend: Well Site
 Access Road



AMAX COAL COMPANY
A DIVISION OF AMAX INC.

105 SOUTH MERIDIAN STREET, INDIANAPOLIS, INDIANA 46225 • (317) 266-2626

August 8, 1980

Ran-345

Department of Mines
Oil and Gas Division
1615 Washington Street, East
Charleston, West Virginia 25311

Re: Permit Application - Allegheny Land & Mineral Co.
Well A-898
Middlefork District
Randolph County, West Virginia

Dear Sirs:

The AMAX Coal Company has received notification that a permit has been issued to drill the above-mentioned well. The AMAX Coal Company will offer no objection to the drilling of this proposed well provided the applicant intends to drill the proposed well subject to the following conditions:

1. All drilling and casing of the well shall be done in compliance with the laws and regulations of the State of West Virginia for wells drilled through workable coal beds.
2. All workable coal seams regardless of depth shall be plugged in accordance with the rules and regulations of the State of West Virginia, specifically as outlined in Article 4, Chapter 22 of the West Virginia Code.
3. AMAX will be given at least 72 hours notice prior to plugging a dry hole or setting production string in a productive well. Please contact Mr. David Darko (317/266-2633) or Mr. James Faber (317/266-2797).
4. A complete drillers' log of the well from surface to total depth shall be sent to AMAX upon completion of the hole and a copy of such log shall be made available to any AMAX representative upon his arrival at the well site.

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OIL & GAS DIVISION
DEPT. OF MINES

03/22/2024

Department of Mines
Page Two
August 8, 1980

5. Allegheny Land and Mineral Company will provide AMAX with a density and natural gamma log covering the interval from total depth to surface. In addition, one copy of any other geophysical log shall be sent to AMAX. However, AMAX Coal Company retains the option to run their own logs or have this service contracted out. Please contact Mr. David Darko (317/266-2633) for questions on this procedure.

6. Copies of the completion report and plugging affidavit if applicable, shall be sent to AMAX Coal Company, Attention: James W. Faber.

Sincerely,



Robert J. Reynolds,
Senior Geologist

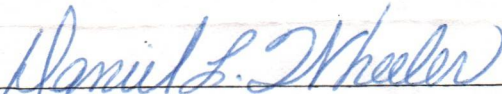
for James W. Faber, Manager
Development Geology

RJR/mdt

Enclosures

cc: Allegheny Land and Mineral Company
David Darko

The above stipulations are agreed to as a condition for obtaining a drilling permit



Representative of Allegheny Land and Mineral

8/11/80

(Date)

03/22/2024

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

INSPECTOR'S WELL REPORT

Permit No. 083-0345

Oil or Gas Well GAS
(KIND)

Company <u>ALLEGHENY LAND & MIN</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CLARKSBURG</u>	Size			
Farm <u>NEVA Mc MULLEN</u>	16			Kind of Packer
Well No. <u>A-898</u>	13			
District <u>MIDDLE FORK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

No location
O.K. to Release
Cancel

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JAN 27 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

511

1-25-82

DATE

Robert Stewart
DISTRICT WELL INSPECTOR

03/22/2024



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston, 25305

February 2, 1982

WALTER N. MILLER
DIRECTOR

THOMAS E. HUZZEY
Deputy Director

Allegheny Land & Mineral Company
P. O. Box 1740
Clarksburg, West Virginia 26301

In Re: PERMIT NO RAN-345
FARM Neva S. McMullan, Exec.
WELL NO A-898
DISTRICT Middle Fork
COUNTY Randolph

Gentlemen:

The Final Inspection Report for the above described well has been received in this office. Only the column checked below applies.

XXXX The well designated by the above permit number has been released under your Blanket Bond (Permit Cancelled - Never Drilled.)

 Please return the enclosed cancelled Single Bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records.

 Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Thomas E. Huzzey

TEH/Chm

03/22/2024