

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 2-16-82.

John B. Rudette
Deputy Director - Oil & Gas Division



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL and GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
JUN 14 1981
OIL & GAS DIVISION
DEPT. OF MINES

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

DATE May 14, 1981

SURFACE OWNERS:
Mr. Harry McMullan, III
Route 8
Washington, NC 27889

Westvaco
203 Randolph Avenue
Elkins, WV 26241

OIL & GAS ROYALTY OWNER:
Harry McMullan, III
Route 8,
Washington, NC 27889

ALLEGHENY LAND AND MINERAL COMPANY
Company P. O. Drawer 1740
Address Clarksburg, West Virginia 26301
Farm McMullan Acres 57
Location (waters) Pleasant Run
Well No. A-958 Elevation 2845'
District Middle Fork County Randolph
Quadrangle Cassity 7.5'

COAL LESSEES:
International Coal Co. AMAX Coal Company
Grenbrier Valley Bldg. 105 South Meridan Street
119 Washington, St., E. Indianapolis, Indiana 24901
Lewisburg, WV 24901

INSPECTOR TO BE Robert Stewart
NOTIFIED: P. O. Box 345
ADDRESS: Jane Lew, West Virginia 26378
PHONE: 884-7782

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 June 14, 1971 by Harry McMullan, et al unto Columbia Gas Transmission Corp. thence, unto Allegheny and recorded on the 30th day of July 1971, in Randolph County, Book 272 Page 433
XXX 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.

Very truly yours,

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 348-3092 348-3096

Address
of
Well Operator

(Sign Name) ALLEGHENY LAND AND MINERAL COMPANY

BY: *Daniel L. Wheeler*
Daniel L. Wheeler, Vice President
P. O. Box 1740
Clarksburg, West Virginia 26301

*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.

BLANKET BOND

47 - 083 - 0483 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 *Daniel L. Wheeler*

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

PROPOSED WORK ORDER TO XXX DRILL DEEPEN FRACTURE STIMULATE
 DRILLING CONTRACTOR: (If Known) Union Drilling Company RESPONSIBLE AGENT: Allegheny Land and Mineral Company
 NAME: Union Drilling Company NAME: Allegheny Land and Mineral Company
 ADDRESS: P. O. Drawer 40 ADDRESS: P. O. Drawer 1740
Buckhannon, West Virginia 26201 Clarksburg, West Virginia 26301
 TELEPHONE: 304-472-4610 Telephone: 304-623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 5450' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION Elk
 TYPE OF WELL: OIL GAS XXX 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	20'	20'	cement to surface
13 - 10			
9 - 5/8			
8 - 5/8	500'	500'	cement to surface
7			
5 1/2			
4 1/2	5450'	5450'	cement to 300' above producing horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 54' FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 40-44

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 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 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.






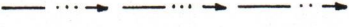
03/15/2024

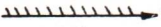





For Coal Company

CLARETT BOND

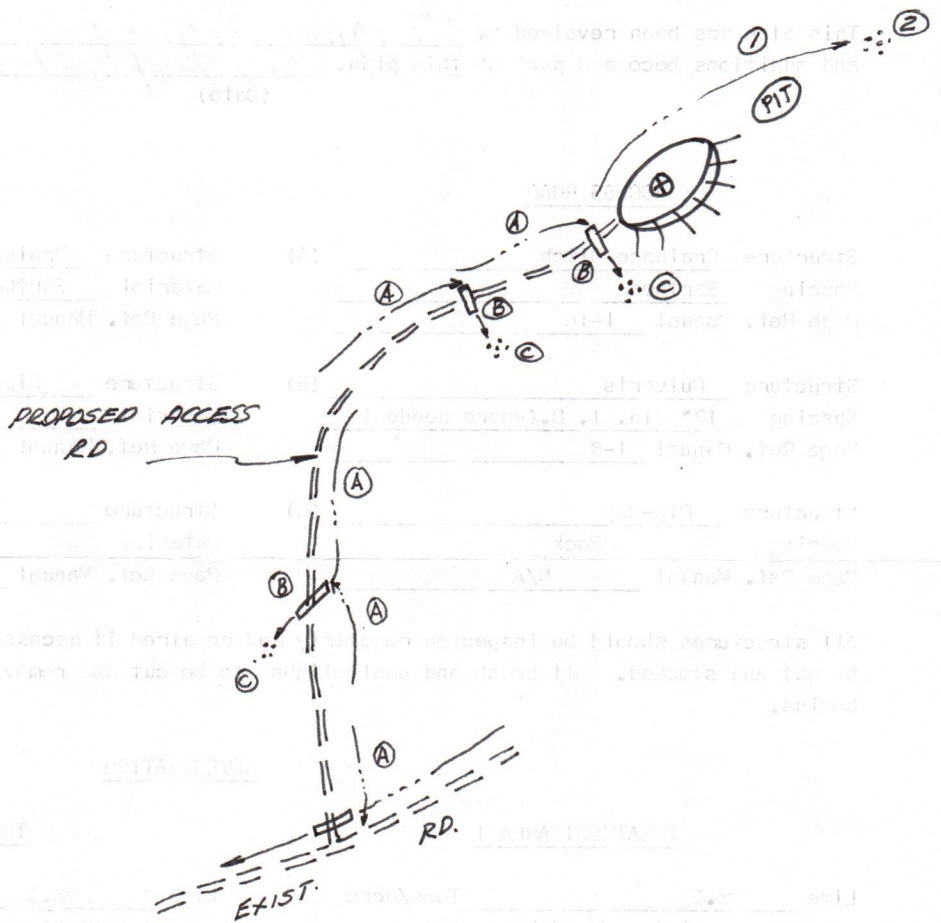
Official Title

WELL SITE PLAN

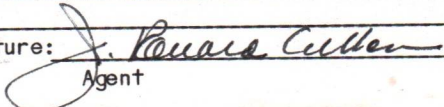
Legend: Property Boundary 
 Road 
 Existing Fence 
 Planned Fence 
 Stream 
 Open Ditch 

Diversion 
 Spring 
 Wet Spot 
 Building 
 Drain Pipe 
 Waterway 

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



COMMENTS: Slope of access road 7% -- Cuts to be on a 2:1 slope or less -- Access road subject to change by company or landowner -- All ditches and culverts will be maintained after construction is completed -- Reclamation to be performed by Halls Reclamation, Inc.

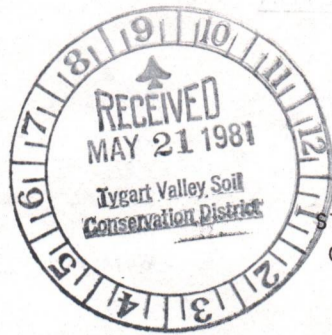
Signature: 
 Agent

P. O. Box 1740, Clarksburg, W. Va.
 Address

623-6671
 Phone Number
 03/15/2024

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

Form IV-9
(01-80)



Date May 19, 1981
Well No. A-958
API No. 47 - 083 -
State County Permit #

RECEIVED
JUN - 1 1981
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

083-0483

Company Name Allegheny Land & Mineral Co.
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Landowner Westvaco

Designated Agent J. Ronald Cullen
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Soil Cons. District Tygart 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. 5-27-81 (Date) Junior [Signature] (SCD Agent)

ACCESS ROAD		LOCATION	
Structure <u>Drainage Ditch</u> (A)	Spacing <u>Earthen</u>	Structure <u>Drainage Ditch</u> (1)	Material <u>Earthen</u>
Page Ref. Manual <u>1-10</u>		Page Ref. Manual <u>1-10</u>	
Structure <u>Culverts</u> (B)	Spacing <u>12" Min. I. D. (where needed)</u>	Structure <u>Rip-Rap</u> (2)	Material <u>Rock</u>
Page Ref. Manual <u>1-8</u>		Page Ref. Manual <u>N/A</u>	
Structure <u>Rip-Rap</u> (C)	Spacing <u>Rock</u>	Structure _____ (3)	Material _____
Page Ref. Manual <u>N/A</u>		Page Ref. Manual _____	

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked. All brush and small timber to be cut and removed from site before dirt work begins.

REVEGETATION

TREATMENT AREA I

Lime <u>2.5</u> <u>3</u> Tons/acre	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>Straw</u> <u>2</u> TON/acre	
Seed* <u>Kentucky 31 Fescue</u> <u>40</u> lbs/acre	
<u>Birdsfoot Trefoil</u> <u>10</u> lbs/acre	
<u>Domestic Rye</u> <u>10</u> lbs/acre	

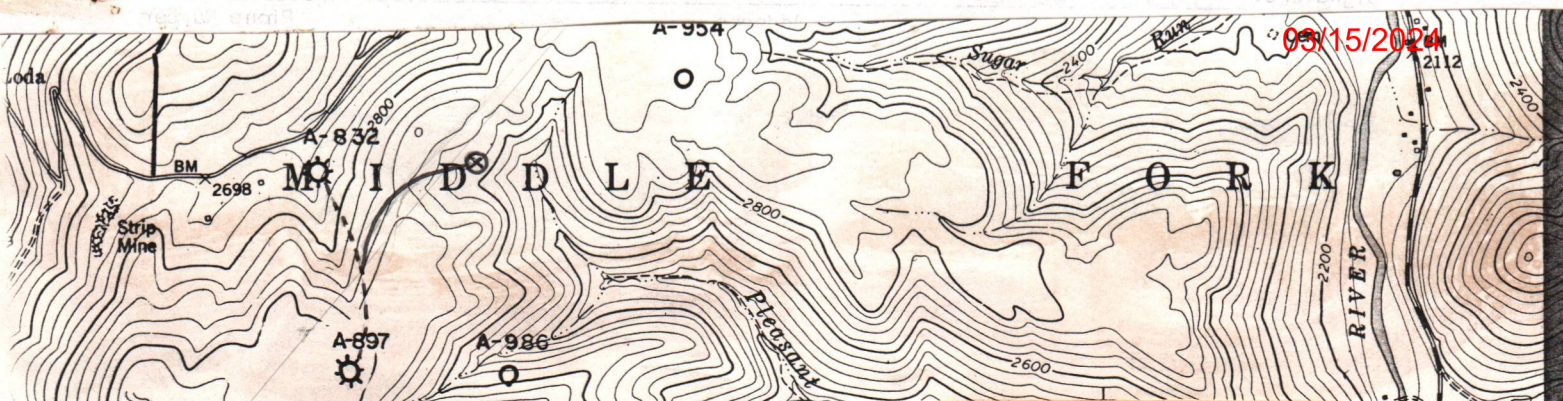
TREATMENT AREA II

Lime <u>2.5</u> <u>3</u> Tons/acre	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>Straw</u> <u>2</u> TON/acre	
Seed* <u>Kentucky 31 Fescue</u> <u>40</u> lbs/acre	
<u>Birdsfoot Trefoil</u> <u>10</u> lbs/acre	
<u>Domestic Rye</u> <u>10</u> lbs/acre	

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

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

Legend: Well Site
Access Road





MAY 26 1981

ENGINEERING DEPT.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL and GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

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

DATE May 14, 1981

ALLEGHENY LAND AND MINERAL COMPANY

SURFACE OWNERS:
Mr. Harry McMullan, III
Route 8
Washington, NC 27889

Westvaco
203 Randolph Avenue
Elkins, WV 26241

OIL & GAS ROYALTY OWNER:
Harry McMullan, III
Route 8,
Washington, NC 27889

Company P. O. Drawer 1740
Address Clarksburg, West Virginia 26301
Farm McMullan Acres 57
Location (waters) Pleasant Run
Well No. A-958 Elevation 2845'
District Middle Fork County Randolph
Quadrangle Cassity 7.5'

*film back
may*

COAL LESSEES:
International Coal Co. AMAX Coal Company
Grenbrier Valley Bldg. 105 South Meridan Street
119 Washington, St., E. Indianapolis, Indiana 24901
Lewisburg, WV 24901

INSPECTOR TO BE Robert Stewart
NOTIFIED: P. O. Box 345
ADDRESS: Jane Lew, West Virginia 26378
PHONE: 884-7782

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 June 14, 1971 by Harry McMullan, et al unto Columbia Gas Transmission Corp. thence, unto Allegheny and recorded on the 30th day of July 1971, in Randolph County, Book 272 Page 433
XXX 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.

Very truly yours,

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

(Sign Name) ALLEGHENY LAND AND MINERAL COMPANY

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 348-3092 348-3096

Address
of
Well Operator

BY: Daniel L. Wheeler
Daniel L. Wheeler, Vice President
P. O. Box 1740
Clarksburg, West Virginia 26301

*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.

47 - 083 - 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 Daniel L. Wheeler

a-9

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

PROPOSED WORK ORDER TO XXX DRILL DEEPEN FRACTURE STIMULATE

DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:

NAME: Union Drilling Company NAME: Allegheny Land and Mineral Company

ADDRESS: P. O. Drawer 40 ADDRESS: P. O. Drawer 1740

Buckhannon, West Virginia 26201 Clarksville, West Virginia 26301

TELEPHONE: 304-472-4610 Telephone: 304-623-6671

ESTIMATED DEPTH OF COMPLETED WELL: 5450' ROTARY XXX CABLE TOOLS

PROPOSED GEOLOGICAL FORMATION EIK

TYPE OF WELL: OIL GAS XXX 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	20'	20'	cement to surface
13 - 10			
9 - 5/8			
8 - 5/8	500'	500'	cement to surface
7			
5 1/2			
4 1/2	5450'	5450'	cement to 300' above producing horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 54' FEET SALT WATER FEET

APPROXIMATE COAL DEPTHS 40-44

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.

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

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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 AMAX 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 AMAX 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.

The surface casing must be set to a minimum of 850 feet to protect the lower coals including the Sewell seam.

For Coal Company

Official Title

AMAX **COAL COMPANY**
A DIVISION OF AMAX INC.
105 SOUTH MERIDIAN STREET, INDIANAPOLIS, INDIANA 46225 • (317) 266-2626

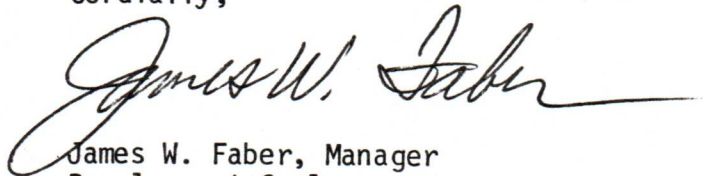
May 27, 1981

Chief Petroleum Engineer
Department of Mines
Oil & Gas Division
1615 Washington Street, East
Charleston, West Virginia 25311

Dear Sir:

Enclosed is a copy of AMAX Coal Company's letter of approval to the respective oil company, for their representative's signature. When you receive the signed version of the letter, that will automatically give AMAX's permission for issuing the permit. The signed copy represents agreement by the oil operator that they agree to AMAX's stipulations for drilling and completing the wells.

Cordially,



James W. Faber, Manager
Development Geology

JWF/mdt

Enclosures

03/15/2024

AMAX COAL COMPANY

A DIVISION OF AMAX INC.

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

May 27, 1981

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

RECEIVED

JUN - 1 1981

Re: Allegheny Land and Mineral Company
No. A-958 McMullan
Middle Fork District
Randolph County, W. Virginia

OIL & GAS DIVISION
DEPT. OF MINES

Not signed

Dear Sirs:

The AMAX Coal Company has received notification that a permit application is being filed 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. Allegheny Land & Mineral Company will provide AMAX with a density and natural gamma ray log at a 5"=100' scale covering the interval from total depth to ground 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.

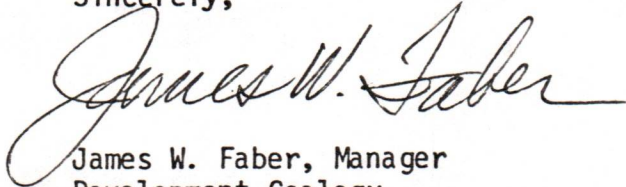
3a. The surface casing must be set to a minimum of 850 feet to protect the lower coals including the Sewell seam.

03/15/2024

Department of Mines
Page Two
May 27, 1981

4. Copies of the completion report, OG-10, and plugging affidavit, OG-8, if applicable, shall be sent to AMAX Coal Company, Attention: James W. Faber.

Sincerely,



James W. Faber, Manager
Development Geology

JWF/mdt

Enclosures

cc: Allegheny Land and Mineral Company
David A. Darko

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

Representative of Allegheny Land & Mineral Co.

(Date)

03/15/2024

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Shale			2720	3250		
Sand			3250	3210		
Shale			3210	3768		
Benson			3768	3790		
Shale			3790	3802		
Sand			3802	3814		
Sand & Shale			3814	5072		
Elk			5072	5100		
Sand & Shale			5100	5478 T.D.		

Well was Fractured September 23, 1981

Perforations: 2708' - 2716' 16 holes
 3770' - 3772' 2 holes
 3774' - 3778' 6 holes
 3805' - 3810' 8 holes
 5089' - 5094' 16 holes

03/15/2024

Date: Oct. 9, 1981

APPROVED

D. J. Sabatino
 Owner

Vice President Oil & Gas Productions

OG-10
9-71



RECEIVED

OCT 15 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OIL and GAS DIVISION
WELL RECORD

Quadrangle Cassity 7.5'

Permit No. 47-083-0483

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
WaterFlood _____ Storage _____
Disposal _____
(Kind)

Company <u>Allegheny Land & Mineral Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 1740, Clarksburg, W.Va. 26301</u>				
Farm <u>McMullan</u> Acres <u>57</u>				
Location (water) <u>Pleasant Run</u>	Size			
Well No. <u>A-958</u> Elev. <u>2845'</u>	<u>20-16</u>			
District <u>Middle Fork</u> County <u>Randolph</u>	Cond.			
The surface is owned in fee by <u>Harry McMullan, III et al</u>	<u>13 3/8"</u>	<u>10'</u>	<u>10'</u>	
Address <u>Rt. 8 Washinton, NC</u>	<u>8 5/8</u>	<u>1023'</u>	<u>1023'</u>	w/305 sks.to surface
Mineral rights are owned by <u>Harry McMullan, III</u>	<u>7</u>			
Address <u>Rt. 8, Washington, N.C.</u>	<u>5 1/2</u>			
Drilling Commenced <u>September 8, 1981</u>	<u>4 1/2</u>	<u>5270'</u>	<u>5270'</u>	w/590 sks 1700'
Drilling Completed <u>September 13, 1981</u>	<u>3</u>			
Initial open flow <u>no show</u> cu.ft. _____ bbls. _____	<u>2</u>			
Final production <u>539M</u> cu.ft.per day _____ bbls. _____	Liners Used			
Well open <u>2</u> hrs before test <u>900#</u> RP.				

Well treatment details:

Attach copy of cementing record.

<u>Balltown sand treated w/500 gal 15% HCL</u>	<u>769bbls total fluid</u>	<u>60,000#</u>	<u>20/40</u>
<u>1st Elk sand treated w/ 500 gal 15% HCL</u>	<u>810bbls total fluid</u>	<u>60,000#</u>	<u>20/40</u>
<u>Benson sand treated w/500 gal 15% HCL</u>	<u>787bbls toatl fluid</u>	<u>60,000#</u>	<u>20/40</u>

Coal was encountered at 87-90, 162-166, 375-379 and 662-665 Feet _____ Inches _____
Fresh water 75' & 150' Feet _____ Salt water _____ Feet _____
Producing Sand Balltwon, Benson and Elk Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Fill			0	6	1/2" stream H ₂ O @ 75'	
Sand			6	87	1/2" stream H ₂ O @ 150'	
Coal			87	90	Gas check @ 1358' no show	
Sand			90	162	Gas check @ 1452' no show	
Coal			162	166	Gas check @ 2076' " "	
Sand & Shale			166	375	Gas check @ 2295' " "	
Coal			375	379	Gas check @ 2577' " "	
Sand & Shale			379	662	Gas check @ 3229' " "	
Coal			662	665	Gas check @ 3631' " "	
Sand & Shale			665	1298	Gas check @ 3884' " "	
L Lime			1298	1366	Gas check @ 4572' " "	
Big Lime			1366	1376	Gas check @ 5008' " "	
Sand & Shale			1376	1620	Gas check @ 5227' " "	
Big Injun			1620	1646	Gas check @ 5352' " "	
Sand & Shale			1646	1792	Gas check @ 5478' " "	
Gantz			1792	1814		
Sand & Shale			1814	2424		
Sand			2424	2420		
Shale			2420	2706		
Balltown			2706	2720		

03/15/2024

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

RECEIVED

SEP 1 1981

INSPECTOR'S WELL REPORT OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Permit No. 083-0483

Oil or Gas Well GAS
(KIND)

Company <u>Allegheny Landmin</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>CLARKSBURG</u>	Size			
Farm <u>HARRY McMillen</u>	16			Kind of Packer
Well No. <u>A-958</u>	13			
District <u>Middle Fork</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>9-8-81</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			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 UNION RIG-9

Remarks:

Please - Void 083-0495 A 1034
& CHANGE TO THIS SORRY

9-9-81
DATE

Robert Stewart
03/15/2024
DISTRICT WELL INSPECTOR

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: _____

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

03/15/2024

DISTRICT WELL INSPECTOR

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

RECEIVED

JUL 23 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 083-0483

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>HARRY McMullen</u>	16			Kind of Packer
Well No. <u>A-958</u>	13			
District <u>MIDDLE FORK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>9-8-81</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			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:

O.K. TO Release

7-21-82
DATE

Robert Stewart 511
DISTRICT WELL INSPECTOR

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: _____

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

03/15/2024
DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

July 28, 1982

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

Dear Sir:

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 NO.</u>	<u>FARM AND WELLS NUMBER</u>	<u>DISTRICT</u>
47-083-0483	Harry McMullan, III, /Westvaco, #A-958	Middle Fork
47-083-0581	Neva & Harry McMullan, Goff-Arnold #A-1113	Roaring Creek
47-083-0587	Steven B. Joyce, et al, #A-1064	Roaring Creek
47-083-0588	Steven B. Joyce, et al, #A-1072	Roaring Creek

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit

MS:rl

03/15/2024

A-958

OCT 19 1981

FERC-121

OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0483			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	1	N/A Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5478 T.O. feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Allegheny Land & Mineral Co. Name P.O. Drawer 1740 Street Clarksburg, W City		W.Va. State	26301 Zip Code 000333 Seller Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Middle Fork Field Name Randolph County		District W.Va. State	
(b) For OCS wells:	N/A Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	A - 958			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Balltown - Benson - Elk			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corp. Name		004030 Buyer Code	
(b) Date of the contract:	N/A Mo. Day Yr.			
(c) Estimated annual production:	Not in line! MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.514	0.251	0.251	3.016
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.514	0.251	0.251	3.016
9.0 Person responsible for this application:	Daniel L. Wheeler Name Signature 10-16-81 Date Application is Completed			
Agency Use Only	Vice-Pres. Land Dept. Title			
Date Received by Juris. Agency	304-623-6671 Phone Number			
OCT 19 1981				
Date Received by FERC				

FT7900206/2-2

03/15/2024

PARTICIPANTS:

DATE: JAN 14 1982

BUYER-SELLER CODE

WELL OPERATOR: Allegheny Land & Mineral Co.

000333

FIRST PURCHASER: Columbia Gas Trans Corp.

004030

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
811019 -103-083 = 0483
 Use Above File Number on all Communications
 Relating to Determination of this Well

CK1500

083-0302 = 1750'

*Deferred for BHP calculation
Qualifies J. Huzzey*

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. _____
- 2. IV-1 Agent James B. Gehr
- 3. IV-2 Well Permit
- 4. IV-6 Well Plat
- 5. IV-35 Well Record Drilling Deepening
- 6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced? Ratio
- 7. IV-39 Annual Production _____ years
- 8. IV-40 90 day Production _____ Days off line: _____
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: 9-8-81 Date completed 9-13-81 Deepened
- (5) Production Depth: 2708-16, 3770-78, 5089-94
- (5) Production Formation: Balltown Benson Elk
- (5) Final Open Flow: 539 MCF
- (5) After Frac. R. P. 900# 2 hrs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Report
- (5) Oil Production: From Completion Report
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? 03/15/2024
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

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

Date 10/16 19 81
Operator's Well No A-958
API Well No. 47 State 083 County 0483 Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Allegheny Land & Mineral Co.
ADDRESS P.O. Drawer 1740
Clarksburg, W.Va. 26301

WELL OPERATOR Allegheny Land & Mineral Co.
ADDRESS P.O. Drawer 1740
Clarksburg, W.Va. 26301

LOCATION: Elevation 2845'
Watershed Pleasant Run
Dist Middle Fork County Randolph Quad Cassity 7.5
Gas Purchase Contract No. _____
Meter Chart Code N/A
Date of Contract _____

GAS PURCHASER Columbia Gas Transmission Corp.
ADDRESS 1700 MacCorkle Ave. S.E.
Charleston, W.Va. 25314

* * * * *

Date surface drilling was begun: 9-8-81

Indicate the bottom hole pressure of the well and explain how this was calculated:

Rock Pressure was 900# PSIG at the surface.

AFFIDAVIT

I, James B. Gehr, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

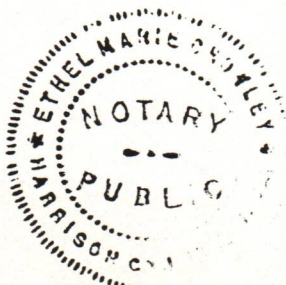
James B. Gehr
President
Allegheny Land & Mineral Co.

STATE OF WEST VIRGINIA,
COUNTY OF Harrison, TO WIT:

I, Ethel Marie Crowley, a Notary Public in and for the state and county aforesaid, do certify that James B. Gehr, whose name is signed to the writing above, bearing date the 16th day of October, 19 81, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 16th day of October, 19 81. My term of office expires on the 20th day of December, 19 89.

[NOTARIAL SEAL]

Ethel Marie Crowley
Notary Public
Ethel Marie Crowley



03/15/2024