



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 30 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE December 29, 1980
ALLEGHENY LAND AND MINERAL COMPANY

SURFACE Harry McMullan, III, Agent XXX Westvaco
OWNERS: P. O. Box 8 203 Randolph Ave.
Washington, NC 27889 Elkins, WV 26241

Company P. O. Drawer 1740
Address Clarksburg, West Virginia 26301

COAL, OIL & Harry McMullan, III, Agent
GAS OWNER: P. O. Box 8
Washington, NC 27889

Farm Moore-Kepple Company Acres 461.75
Location (waters) Middle Fork River
Well No. A-987 Elevation 2649'
District Roaring Creek County Randolph
Quadrangle Cassity 7.5'

COAL International Coal Company AMAX Coal
LESSEE: Greenbrier Valley Bldg. 105 South Meridan St.
119 Washington Street, E. Indianapolis, Indiana 46225
Lewisburg, WV 24901

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

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 10-24-81.

[Signature]
GENTLEMEN:
Deputy 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 June 14, 1971 by Harry
McMullan, etal made to Columbia Gas Transmission 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
own the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,
(Sign Name) ALLEGHENY LAND AND MINERAL COMPANY
BY: *[Signature]*

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

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.

03/15/2024

47-083-0427 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

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 style="padding-left: 240px;">Clarksburg, West Virginia 26301

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

ESTIMATED DEPTH OF COMPLETED WELL: 5300' 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	700'	700'	cement to surface
7			
5 1/2			
4 1/2	5300'	5300'	cement to 300' above producing horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 34' FEET SALT WATER FEET

APPROXIMATE COAL DEPTHS 481-485'

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 placed 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.

For Coal Company


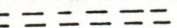



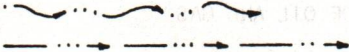
Official Title






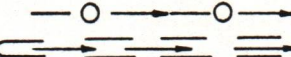


03/15/2024

WELL SITE PLAN

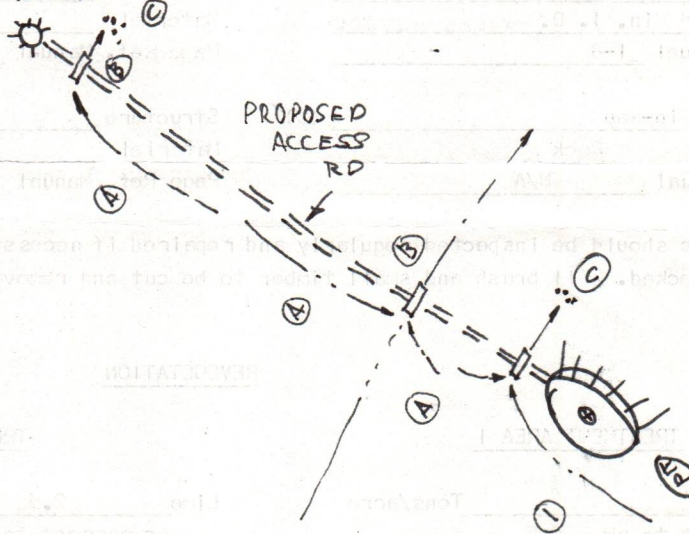
Legend:

- 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.

EXIST.
A.L.C.M. WELL
A-844



COMMENTS: Slope of access road 3% -- 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: J. Ronald Cullen P. O. Box 1740, Clarksburg, W. Va. 623-6671
Agent Address Phone Number

03/15/2024

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

Form IV-9
(01-80)



Date February 17, 1981
Well No. A-987
API No. 47 - 083 - 0427
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

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. 2-20-81 (Date) Junior H. Edwards (SCD Agent)

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

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 2.5 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Straw 2 lbs/acre
Seed* Kentucky 31 Fescue 45 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

TREATMENT AREA II

Lime 2.5 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

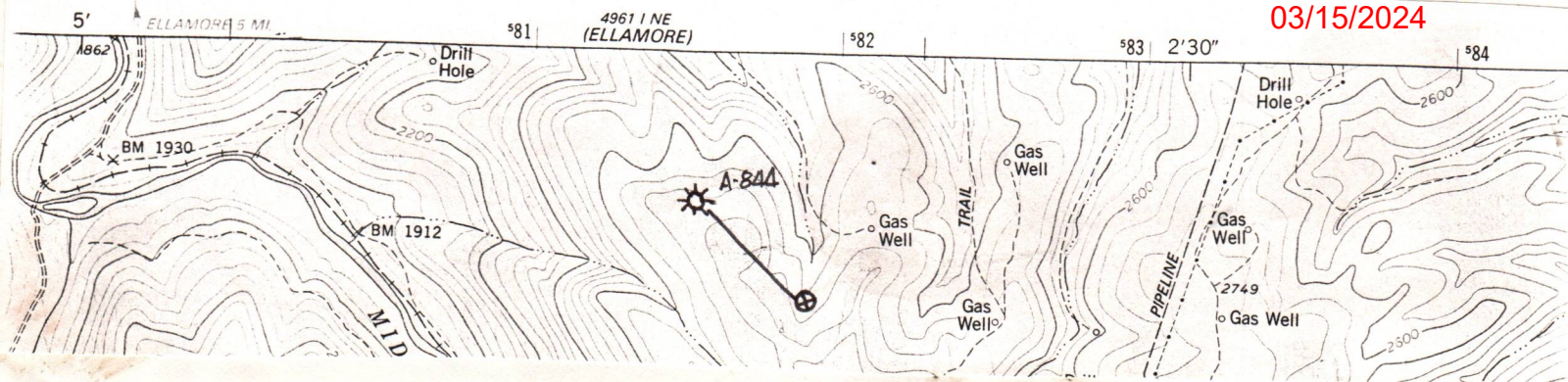
Mulch Straw 2 lbs/acre
Seed* Kentucky 31 Fescue 45 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

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

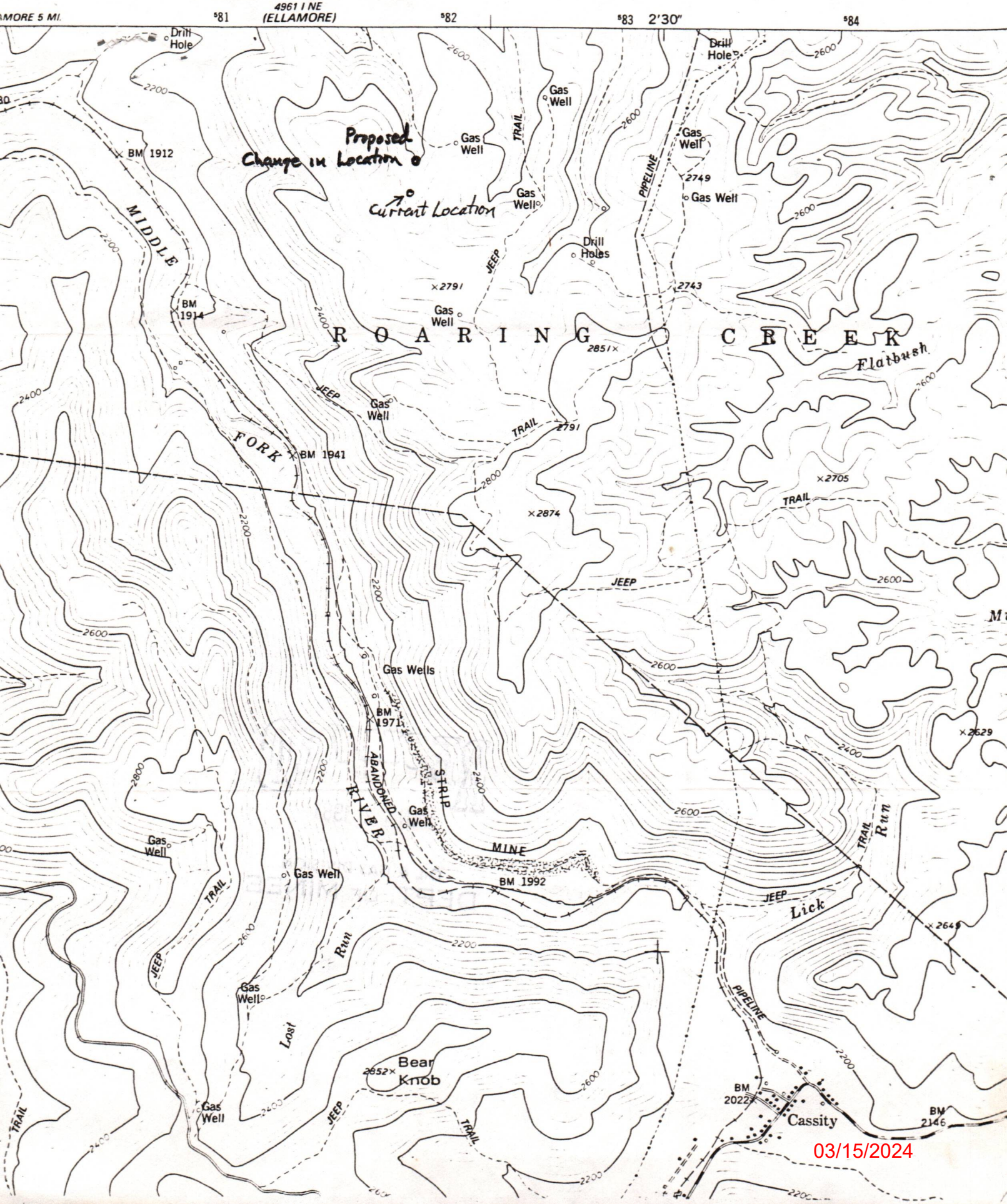
Attach or photocopy section of involved Topographic map. Quadrangle Cassity 7.5'

Legend: Well Site
Access Road

AND OTHER STATE AGENCIES



STATE OF WEST VIRGINIA
REPRESENTED BY THE
STATE OF WEST VIRGINIA GEOLOGICAL SURVEY
AND OTHER STATE AGENCIES



03/15/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL & GAS DIVISION
MARTINSBURG, WEST VIRGINIA

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JAN 12 1981

OIL & GAS DIVISION
DEPT. OF MINES

AMAX COAL COMPANY

A DIVISION OF AMAX INC.

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

January 9, 1981

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

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JAN 12 1981

Re: Allegheny Land and Mineral
No. A-987 McMullan, trustee
Roaring Creek District
Randolph County, West Virginia

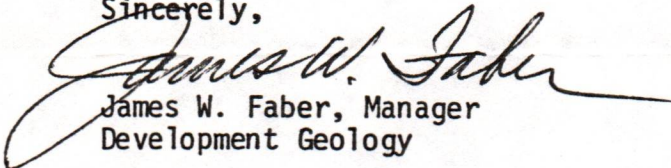
OIL & GAS DIVISION
DEPT. OF MINES

Dear Sirs:

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 objections to the drilling of this proposed well provided the applicant intends to drill subject to the following conditions:

1. The location be moved north approximately 500 feet or to a point about 50 feet topographically lower than the requested location so as to place the well outside the outcrop of the Upper Mercer coal.
2. AMAX requests permission to have geophysical logs run, at AMAX's expense, on the upper part of the hole prior to Allegheny running of the long string of surface casing. Mr. David Darko (317/266-2633) should be contacted regarding the procedure for this logging.
3. AMAX Coal Company would like copies of all logs that Allegheny runs on this well. It would be appreciated that Allegheny run their logs several hundred feet into the long string of surface casing in order to tie the two logs on a footage basis.

Sincerely,


James W. Faber, Manager
Development Geology

No Signature

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
Big Injun			1478	1510		
Sand & Shale			1510	2125		
4th Sand			2125	2147		
Sand & Shale			2147	2210		
5th Sand			2210	2250		
Sand & Shale			2250	2380		
Speechley			2380	2400		
Sand & Shale			2400	3730		
Riley			3730	3760		
Sand & Shale			3760	3850		
Benson			3850	3875		
Sand & Shale			3875	5030		
Elk			5030	5343 TD		

Well was Fractured April 30, 1981 by Halliburton

- Perforations: 2018-2028 16 holes
- 5018-5027 16 holes
- 5086-5088 2 holes
- 5097-5101 4 holes
- 5202-5205 4 holes
- 5215-5217 2 holes
- 5226-5230 4 holes

03/15/2024

Date: 5/5 1981

APPROVED

A. J. Sabat
Vice President Oil & Gas Productions

Owner

06-10
9-71



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MAY 26 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL and GAS DIVISION
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Cassity 7.5'
Permit No. 47-083-0427

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ 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>More-Depple Co.</u> Acres <u>461.75</u>				
Location (water) <u>Middle Fork River</u>	Size			
Well No. <u>A-987</u> Elev. <u>2649'</u>	<u>20-16</u>			
District <u>Roaring Creek</u> County <u>Randolph</u>	Cond. <u>11 3/4</u>	<u>10'</u>	<u>10'</u>	
The surface is owned in fee by <u>Harry McMullan</u>	<u>13-10"</u>			
	<u>9 5/8</u>			
Address <u>P.O. Box 8, Washington, NC</u>	<u>8 5/8</u>	<u>977.05'</u>	<u>977.05'</u>	<u>w/260 sks. to surface</u>
Mineral rights are owned by <u>Same as above</u>	<u>7</u>			
Address _____	<u>5 1/2</u>			
Drilling Commenced <u>4-13-81</u>	<u>4 1/2</u>	<u>5292.15'</u>	<u>5292.15'</u>	<u>w/590 sks. 1700'</u>
Drilling Completed <u>4-17-81</u>	<u>3</u>			
Initial open flow <u>260M</u> cu.ft. _____ bbls. <u>2</u>				
Final production <u>1237M</u> cu.ft. per day _____ bbls.	Liners Used			
Well open <u>2</u> hrs before test <u>650</u> RP.				

Well treatment details:

Attach copy of cementing record.

Gordon sand treated w/500 gal 15% HCL, 728 bbls water, 60,000# 20/40

1st Elk sand treated w/ 500 gal 15% HCL, 876 bbls water, 60,000# 20/40

2nd & 3rd Elk sand treated w/500 gal 15% HCL, 823 bbls water, 60,000# 20/40

Coal was encountered at 55-60,66-71,213-215,275-277,529-533,736-740 Feet _____ Inches

Fresh water 58' & 360' Feet _____ Salt water _____ Feet

Producing Sand Gordon, 1st Elk, & 2nd & 3rd Elk Depths: 2018-2028, 5018-5027, 5086-5088, 5097, 5101, 5202-5205, 5215-5217, 5226-5230

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Sand			0	55		1/2" stream H ₂ O @ 58'
Coal			55	60		2" stream H ₂ O @ 360'
Sand			60	66		Gas ck. @ 1479' no show
Coal			66	71		" " " 1510' no show
Sand			71	213		" " " 1822' 2,660 CF
Coal			213	215		" " " 2288' 189 MCF
Sand			215	270		" " " 2728' 189 MCF
Shale			270	275		" " " 3073' 207 MCF
Coal			275	277		" " " 3574' 158 MCF
Sand			277	329		" " " 3855' 158 MCF
Sand & Shale			329	529		" " " 4138' 377 MCF
Coal			529	533		" " " 4795' 158 MCF
Sand & Shale			533	736		" " " 5044' 298 MCF
Coal			736	740		" " " 5355' 269 MCF
Sand & Shale			740	1045		
Salt Sand			1045	1085		
Little Lime			1287	1303		
Sand & Shale			1303	1354		
Big Lime			1354	1478		

03/15/2024

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

INSPECTOR'S WELL REPORT

Permit No. 083-0427

Oil or Gas Well GAS

Company <u>Allegheny Land & Min</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>CLARKSBURG</u>	16			
Owner <u>HARRY McMILLAN</u>	13			
Well No. <u>A-987</u>	10			
District <u>Roaring Creek</u> County <u>RANDOLPH</u>	8 1/4			
Drilling commenced <u>4-12-81</u>	6 3/4			
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			
Initial open flow _____ /10ths Water in _____ Inch	2			
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			
Volume _____ Cu Ft.				
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

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 UNION RIG - 9

Remarks: MOVE RIG SPUD

4-13-81
DATE

Robert Stewart 511
DISTRICT INSPECTOR
03/15/2024

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APR 15 1981

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES 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: _____

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

DISTRICT WELL INSPECTOR
03/15/2024

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

RECEIVED

APR 20 1981

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 083-0427

Company Allegheny Land & Min
 Address CLARKSBURG
 Farm HARRY McMILLAN
 Well No. A-987
 District POARING Creek County RANDOLPH
 Drilling commenced 4-12-81
 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			
16			Kind of Packer
13			
10			Size of
<u>8 7/8</u>		<u>977</u>	<u>260SKS</u>
6 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 7/8 SIZE 977 No. FT _____ Date 4-16-81
 NAME OF SERVICE COMPANY HALLIBURTON
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Union Rig-9

Remarks: Cement to SURFACE

4-16-81
DATE

Robert Stewart
DISTRICT INSPECTOR 511
03/15/2024

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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: _____

_____ hereby certify I visited the _____ well on this date _____

DATE

DISTRICT WELL INSPECTOR

03/15/2024

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

INSPECTOR'S WELL REPORT

Permit No. 083-0427

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 Mc Mullen</u>	16			Kind of Packer
Well No. <u>A-987</u>	13			
District <u>RARING Creek</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>4-12-81</u>	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: O.K. To Release

RECEIVED

FEB 5 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

2-2-82
DATE

Robert Stum 511
03/15/2024
DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

March 16, 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 & WELL NO.</u>	<u>DISTRICT</u>
RAN-0390	Rebecca A. Arnold #A-954	Middle Fork
RAN-0391	Rebecca A. Arnold #A-986	Middle Fork
RAN-0396	Neva McMullan #A-970	Middle Fork
RAN-0397-REN.	Talbott #A-996	Middle Fork
RAN-0427	Moore/Kepple Co. #A-987	Roaring Creek
RAN-496	Harry McMullen, III #A-1043	Middle Fork

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,

Fred Burdette

A-987 RECEIVED
MAY 11 1981

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0427			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		OIL & GAS DIVISION DEPT. OF MINES Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5343 T.D. 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.	000333 Seller Code 26301 Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Roaring Creek District Field Name Randolph County		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 - 987			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Gordon - 1st Elk - 2nd + 3rd 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.)	2.444	0.244	0.244	2.932
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.444	0.244	0.244	2.932
9.0 Person responsible for this application:	Daniel L. Wheeler Vice-Pres. Land Dept. Name Title <i>Daniel L. Wheeler</i> Signature 5-8-81 304-623-6671 Date Application is Completed Phone Number			
Agency Use Only				
Date Received by Juris. Agency	MAY 11 1981			
Date Received by FERC				

PARTICIPANTS:

DATE: JUL 27 1981

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
81-5-11-103-083-0427
 Use Above File Number on all Communications
 Relating to Determination of this Well

CK map 1500'

Qualifies

Checked BS. J. B. Huggins

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: 4-13-81 Date completed 4-17-81 Deepened

(5) Production Depth: 2018-28; 5018-5230

(5) Production Formation: Gordon; 1st Elk, 2nd Elk, 3rd Elk

(5) Final Open Flow: 1237 MCF

(5) After Frac. R. P. 650# 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 _____

0-17. Does lease inventory indicate enhanced recovery being done _____

0-17. 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? _____

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

Date 5-8 19 81
Operator's Well No. A-987
API Well No. 083 - 0427
State County 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
GAS PURCHASER Columbia Gas Transmission Corp.
ADDRESS 1700 MacCorkle Ave. S.E.
Charleston, W. Va. 25314

LOCATION: Elevation 2649'
Watershed Middle Fork River
Dist. Roaring Creek County Randolph Quad Cassidy 7.5
Contract No. N/A
Meter Chart Code _____
Date of Contract A

* * * * *

Date surface drilling was begun: 4-13-81

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

Rock Pressure was 650 # 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.

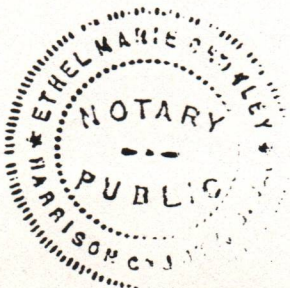
STATE OF WEST VIRGINIA,
COUNTY OF Harrison, TO WIT:

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 8th day of May, 19 81, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 8th day of May, 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