

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



RECEIVED
JAN 20 1981

Fred B. Bredette
Deputy Director - Oil & Gas Division

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE January 15, 1981
ALLEGHENY LAND AND MINERAL COMPANY

Oil & Gas Royalty, Mrs. Neva McMullan, Exec.
Coal Owners and U/W of Harry McMullan, Jr.
Surface Owners: Rt. 5 Box 394
Washington, N.C. 27889

Westvaco
203 Randolph Avenue
Elkins, W. Va. 26241

Company P. O. Drawer 1740
Address Clarksburg, West Virginia 26301
Farm Neva McMullan, et al
Location (waters) Kettle Run
Well No. A-1000 Elevation 2740'
District Middle Fork County Randolph
Quadrangle Cassity 7.5'

Acres: 2539

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

International Coal Co.
Greenbrier Valley Bldg.
119 Washington St., East
Lewisburg, W. Va. 26901

INSPECTOR TO BE
NOTIFIED: Robert S. Stewart
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 19 71 by Goff-Arnold unto Columbia Gas made to Allegheny Land & Mineral Co. and recorded on the 30 day of July 19 71, in Randolph County, Book 272 Page 449
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.

BLANKET BOND

47-083- 0428

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) 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 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 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	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 106 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 113-118 478-483
 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

Official Title

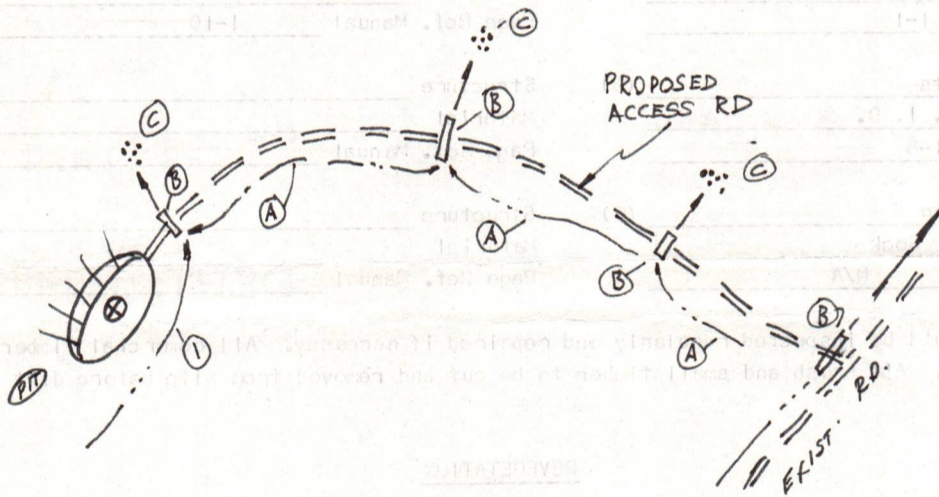
WELL SITE PLAN

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 4% -- 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. Bernard Cullen*
Agent

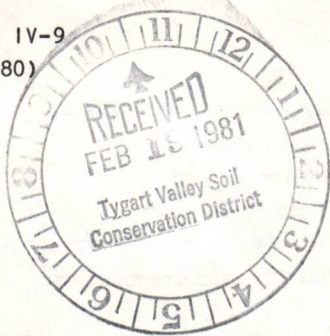
P. O. Box 1740, Clarksburg, W. Va.
Address

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 February 17, 1981
Well No. A-1000
API No. 47 - 083 - 0428
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 Address P. O. Box 1740
Clarksburg, West Virginia Clarksburg, West Virginia
Telephone 623-6671 Telephone 623-6671
Landowner Westvaco 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 J. Ronald Cullen
(Date) (SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Spacing Earthen
Page Ref. Manual 1-10

Structure Drainage Ditch (1)
Material Earthen
Page Ref. Manual 1-10

Structure Culverts (B)
Spacing 12" Min. I. D. OR WHERE NEEDED
Page Ref. Manual 1-8

Structure _____ (2)
Material _____
Page Ref. Manual FEB 24 1981

Structure Rip-Rap (C)
Spacing Rock
Page Ref. Manual N/A

Structure _____ (3)
Material OIL & GAS DIVISION
Page Ref. Manual DEPT. OF MINES

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

TREATMENT AREA II

Lime 2.5 3 Tons/acre
or correct to pH 6.5

Lime 2.5 3 Tons/acre
or correct to pH 6.5

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

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

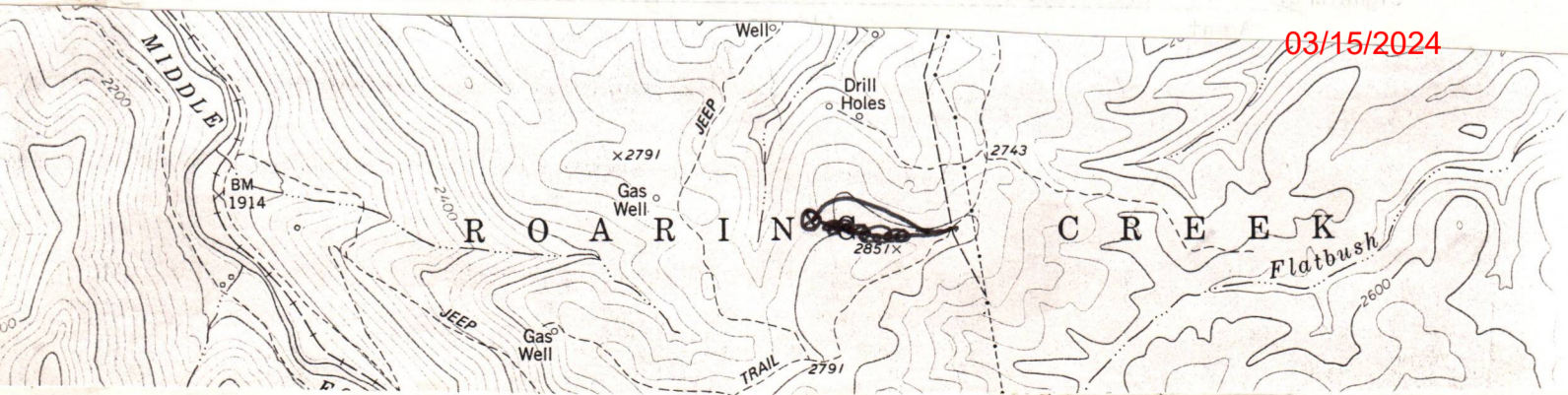
Mulch Straw 2 lbs/acre
Seed* Kentucky 31 Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

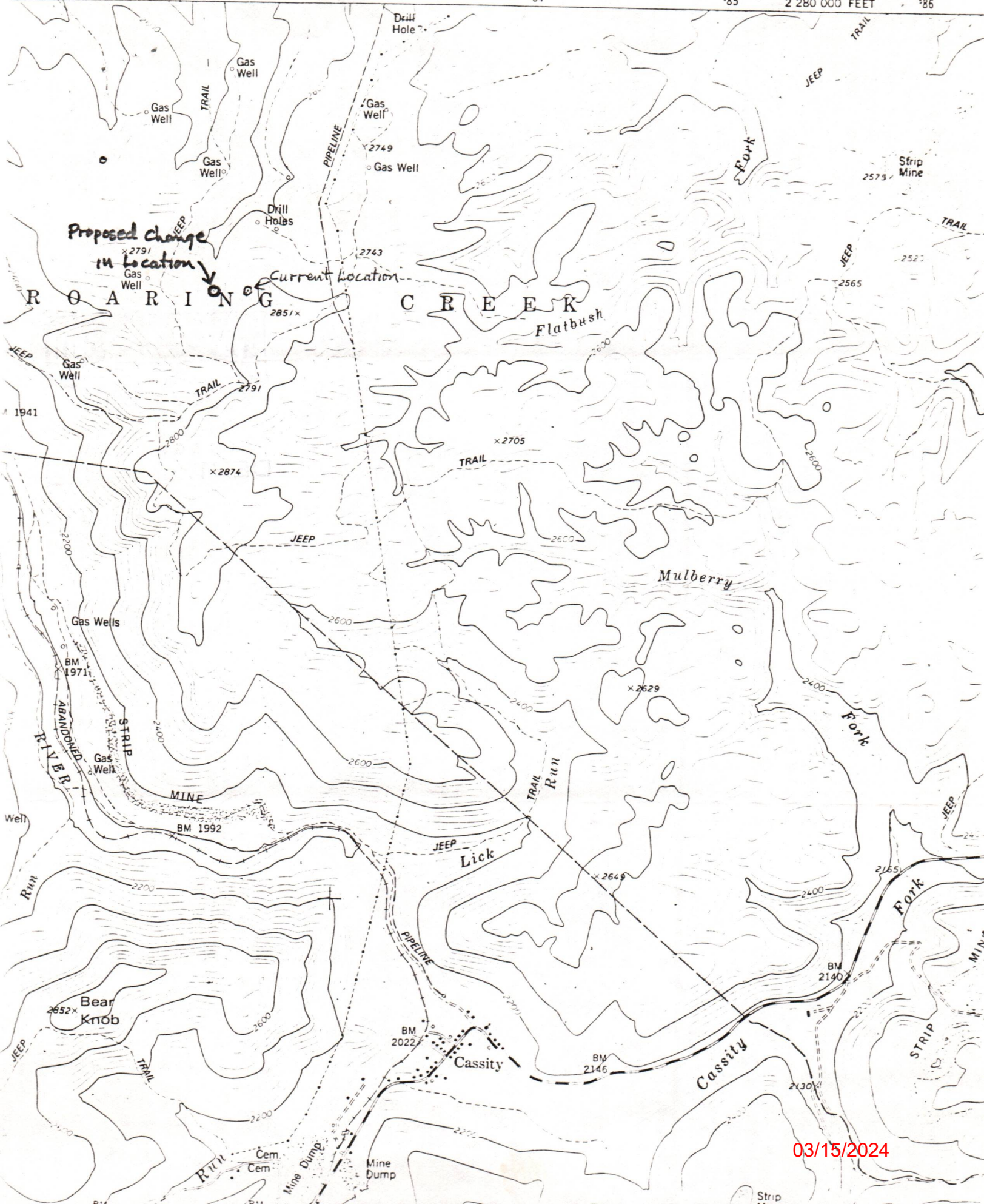
Mulch Straw 2 lbs/acre
Seed* Kentucky 31 Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

*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





03/15/2024

CAMA

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JAN 26 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 23, 1981

RECEIVED

JAN 26 1981

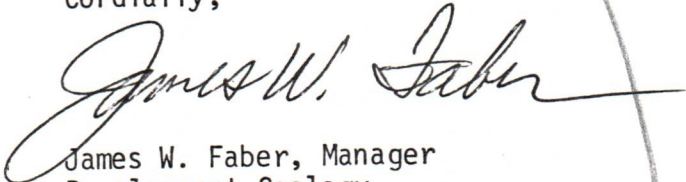
OIL & GAS DIVISION
DEPT. OF MINES

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

not signed

03/15/2024

AMAX COAL COMPANY

A DIVISION OF AMAX INC.

105 SOUTH MERIDIAN STREET, INDIANAPOLIS, INDIANA 46225 • (317) 266-2625

January 23, 1981

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

RECEIVED

JAN 26 1981

OIL & GAS DIVISION
DEPT. OF MINE

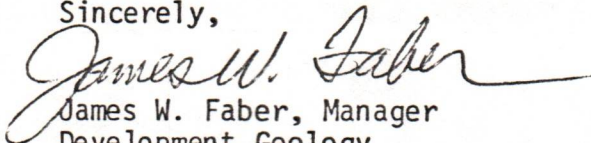
Re: Allegheny Land and Mineral
No. A-1000 Neva McMullan, et al
Middle Fork District
Randolph County, West Virginia

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 west approximately 600 feet or to a point about 120 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

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
Fifth Sand			2200	2230		
Sand & Shale			2230	2395		
Speechly			2395	2415		
Sand & Shale			2415	3568		
Riley			3568	3831		
Benson			3831	3852		
Sand & Shale			3852	5220 T.D.		

Well was Fractured April 23, 1981 by Dowell
 Perforations: 3822' - 3832' 16 holes
 5037' - 5041' 6 holes
 5046' - 5050' 6 holes
 5123' - 5125' 4 holes
 5128' - 5134' 12 holes

03/15/2024

Date: 5/1/81 1981

APPROVED

A.J. Sabatino
 Vice President Oil & Gas Productions

Owner

OG-10
9-71



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MAY - 4 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

OIL and GAS DIVISION
WELL RECORD

Quadrangle Cassity 7.5'

Permit No. 47-083-0428

Rotary XX 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>Neva McMullan et al</u> Acres <u>2539</u>				
Location (water) <u>Kettle Run</u>	Size			
Well No. <u>A-1000</u> Elev. <u>2740'</u>	<u>20-16</u>			
District <u>Middle Fork</u> County <u>Randolph</u>	Cond.			
The surface is owned in fee by <u>Neva McMullan et.al., Rt 5 Box 394, Washington, N.C. & Westvaco</u>	<u>13-10"</u>			
<u>203 Randolph Ave., Elkins, W. Va.</u>	<u>9 5/8</u>			
Mineral rights are owned by <u>Same as above</u>	<u>8 5/8</u>	<u>990.65</u>	<u>990.65</u>	<u>w/280 sks. to surface</u>
Address <u> </u>	<u>7</u>			
Drilling Commenced <u>3-28-81</u>	<u>5 1/2</u>			
Drilling Completed <u>4-4-81</u>	<u>4 1/2</u>	<u>5263.13</u>	<u>5263.13</u>	<u>w/610 sks. 1700'</u>
Initial open flow <u>8.870</u> cu.ft. bbls. <u>2</u>	<u>3</u>			
Final production <u>2768M</u> cu.ft. per day bbls. <u> </u>	Liners Used			
Well open <u>2</u> hrs before test <u>1200</u> RP.				

Well treatment details:

Attach copy of cementing record.

- Benson sand treated 500 gal 15% HCL, 640 bbls water, 60,000 20/40
- 1st Elk sand treated 500 gal 15% HCL, 686 bbls water, 60,000 20/40
- 2nd Elk sand treated 500 gal 15% HCL, 630 bbls water, 60,000 20/40

Coal was encountered at 89-92, 249-253, 454-459, 541-545 Feet Inches
Fresh water 70' & 325' Feet Salt water Feet
Producing Sand Benson, 1st Elk, & 2nd Elk Depth

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Fill			0	7		
Sand & Shale			7	15		1" stream H ₂ O @ 70'
Sand			15	89		1/2" stream H ₂ O @ 325'
Coal			89	92		
Sand			92	249		
Coal			249	253		
Sand & Shale			253	454	Gas	ck @ 1260' no show
Coal			454	459	" "	" " " 1916' " "
Sand & Shale			459	541	" "	" " " 2103' " "
Coal			541	545	" "	" " " 2474' 14,100 CF
Sand & Shale			545	1071	" "	" " " 3381' 6,270 CF
Salt Sand			1071	1112	" "	" " " 3630' 6,270 CF
Sand & Shale			1112	1313	" "	" " " 3976' 8,870 CF
Little Lime			1313	1324	" "	" " " 4478' 8,870 CF
Sand & Shale			1324	1351	" "	" " " 4758' 7,940 CF
Big Lime			1351	1525	" "	" " " 5259' 8,870 CF
Big Injun			1525	1586		
Sand & Shale			1586	2160		
Forth Sand			2160	2200		

03/15/2024

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

INSPECTOR'S WELL REPORT

Permit No. 083-0428

Oil or Gas Well Gas
KIND

Company Allegheny Land & Min
 Address CLARKSBURG
 Farm NOVA McMILLAN
 Well No. A-1000
 District MIDDLE FORK County RANDOLPH
 Drilling commenced 3-28-81
 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
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			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 UNION RIG-9

Remarks: Move Rig - Move

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MAR 31 1981

OIL & GAS DIVISION
DEPT. OF MINES

3-28-81
DATE

Robert Stewart 511
DISTRICT INSPECTOR
03/15/2024

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				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	BRIDGES CONSTRUCTION LOCATION	CASING AND TUBING RECOVERED SIZE LOST

Drillers' Names _____

Remarks: _____

_____ hereby certify I visited the _____ well on this date

 DATE _____

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

INSPECTOR'S WELL REPORT

Permit No. 083-0428

Oil or Gas Well GAS
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
																Size			Kind of Packer
<u>Allegheny Land & Min</u>	<u>CLARKSBURG</u>	<u>NEVA McMullen</u>	<u>A-1000</u>	<u>MIDDLE FORK</u>	<u>RANDOLPH</u>	<u>3-28-81</u>													

Drillers' Names _____

Remarks: O.K. TO Release

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OCT 23 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

10-21-81
DATE

Robert Stewart 511
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: _____

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MAY 13 1981

OIL AND GAS DIVISION
DEPARTMENT OF MINES

_____ 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

January 25, 1982

Allegheny Land & Mineral Company
P. O. Box 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 WELL NO.</u>	<u>DISTRICT</u>
RAN-0381	Neva McMullan #A-925	Middle Fork
RAN-0403	L. T. & Dorothy Lewis #A-984	Roaring Creek
→RAN-0428	Neva McMullan et al #A-1000	Middle Fork
RAN-0440	Harry McMullan, III #A-1017	Middle Fork
RAN-0458	Harry McMullan/Golf Arnold #A-1019	Middle Fork
RAN-0460	Mike Ross/John Petrice #A-1026	Roaring Creek
RAN-0466	Harry McMullan #0466	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

03/15/2024

A-1000

RECEIVED
MAY 11 1981

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0428						
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA						
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5220 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		000333 Seller Code W.Va. 26301 State Zip Code				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Middle Fork 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-1000						
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Benson - 1st Elk - 2nd 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 Signature 5-8-81 304-623-6671 Date Application is Completed Phone Number						
<table border="1"> <tr> <td>Agency Use Only</td> </tr> <tr> <td>Date Received by Juris. Agency MAY 11 1981</td> </tr> <tr> <td>Date Received by FERC</td> </tr> </table>					Agency Use Only	Date Received by Juris. Agency MAY 11 1981	Date Received by FERC
Agency Use Only							
Date Received by Juris. Agency MAY 11 1981							
Date Received by FERC							

03/15/2024

JUL 27 1981

PARTICIPANTS:

DATE: _____

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
81-5-11-103-083-0428
 Use Above File Number on all Communications
 Relating to Determination of this Well

155B. map 1500

checked O.S.

Qualifies J. E. 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: 3-28-81 Date completed 4-4-81 Deepened _____
 - (5) Production Depth: 3822-32 ; 5037-50, 5123-34
 - (5) Production Formation: Benson; 1st EIK, 2nd EIK
 - (5) Final Open Flow: 2768 MCF
 - (5) After Frac. R. P. 1200# 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 NO
 - 0-17. Is affidavit signed? Notarized?
 - Does official well record with the Department confirm the submitted information? 03/15/84
 - Additional information _____ Does computer program confirm? _____
 - Is Determination Objected to _____ By Whom? _____

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

Date 5-8 1981
Operator's Well No. A-1000
API Well No. 47 - 083 - 0428
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

LOCATION: Elevation 2740'
Watershed Kettle Run
Dist Middle Fork County Randolph Quad Cassity 7.5
Contract No. _____
Meter Chart Code N/A
Date of Contract 1/A

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

* * * * *

Date surface drilling was begun: 3-28-81

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

Rock Pressure was 1200# 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.

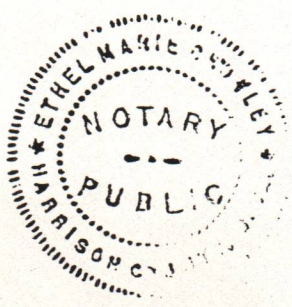
James B. Gehr
President
Allegheny Land & Mineral Co.

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, 1981, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 8th day of May, 1981. My term of office expires on the 20th day of December, 1989.

[NOTARIAL SEAL]

Ethel Marie Crowley
Notary Public
Ethel Marie Crowley



03/15/2024