

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 12-27-81



RECEIVED

APR - 2 1981

STATE OF WEST VIRGINIA

OIL & GAS DIVISION

DEPARTMENT OF MINES

DEPT. OF MINES

J. H. Huggins
Deputy Director Oil & Gas Division

OIL and GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.
Surface Owner: Harry McMullan III, et al
P.O. Box 8
Washington, N.C. 27889

Westvaco
203 Randolph Ave.
Elkins, W. Va. 26241

DATE _____
Allegheny Land and Mineral Company
Company P. O. Drawer 1740
Address Clarksburg, West Virginia 26301
Farm McMullan (Golf Arnold) Acreage 2539
Location (waters) Middle Fork River
Well No. A-1019 Elevation 2739'
District Middle Fork County Randolph
Quadrangle Cassity 7.5'

Coal, Oil & Gas Owner:
Harry McMullan III, et al
P.O. Box 8
Washington, N.C. 27889

INSPECTOR TO BE
NOTIFIED: Robert S. Stewart

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

International Coal Co.
Greenbrier Valley Bldg.
119 Washington St., East
Lewisburg, W. Va. 24901

ADDRESS: P.O. Box 345, Jane Lew, W. Va. 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 Goff-Arno Land unto Manufactures unto Columbia thence unto A.L.& M. and recorded on the 30th day of July 1971 in Randolph County, Book 272 Page 449
XXXX 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,

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.

03/15/2024

47-083 -0458 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

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 Clarksburg, West Virginia 26301
 TELEPHONE: 304-472-4610 Telephone: 304-623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 5200' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION E1k
 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' <i>as 30' below the lowest coal</i>	cement to surface
7			
5 1/2	5200'	5200'	
4 1/2			cement to 300' above producing horizon <i>art to sign of rule 1540</i>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 74 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 90-95 614-650
 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.

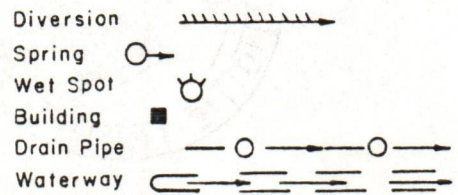
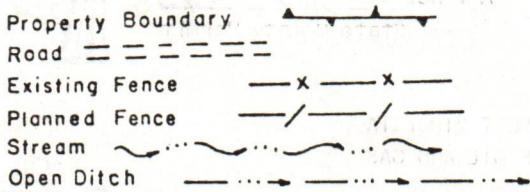
03/15/2024

For Coal Company

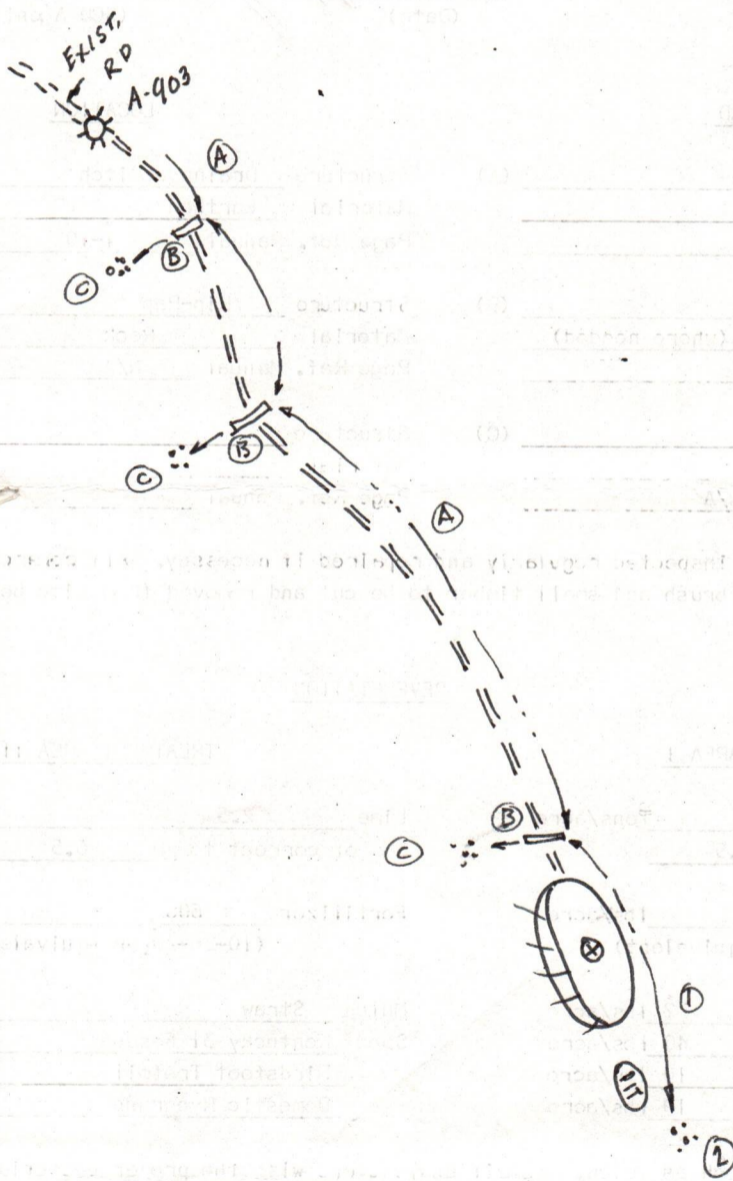
Official Title

WELL SITE PLAN

Legend:



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.



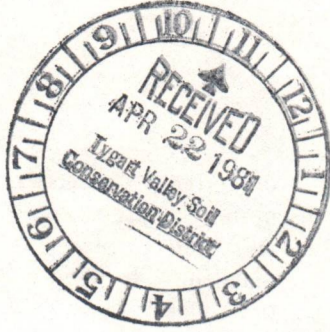
COMMENTS: Slope of access road 5% -- Cuts to be on a 2:1 slope or less -- Access road subject to change by company or landowner -- All ditches and culverts will be maintained after construction is completed -- Reclamation to be performed by Halls Reclamation, Inc.

Signature: <u>J. Ronald Allen</u>	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 April 13, 1981

Well No. A-1019

API No. 47 - 083 - 0458

State County Permit



APR 27 1981

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

OIL & GAS DIVISION
DEPT. OF MINES

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, J. Ronald Cullen All corrections and additions become a part of this plan. 4-20-81 (Date) J. Ronald Cullen (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. (where needed)
Page Ref. Manual 1-8

Structure Rip-Rap (2)
Material Rock
Page Ref. Manual N/A

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

Structure _____ (3)
Material _____
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

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)

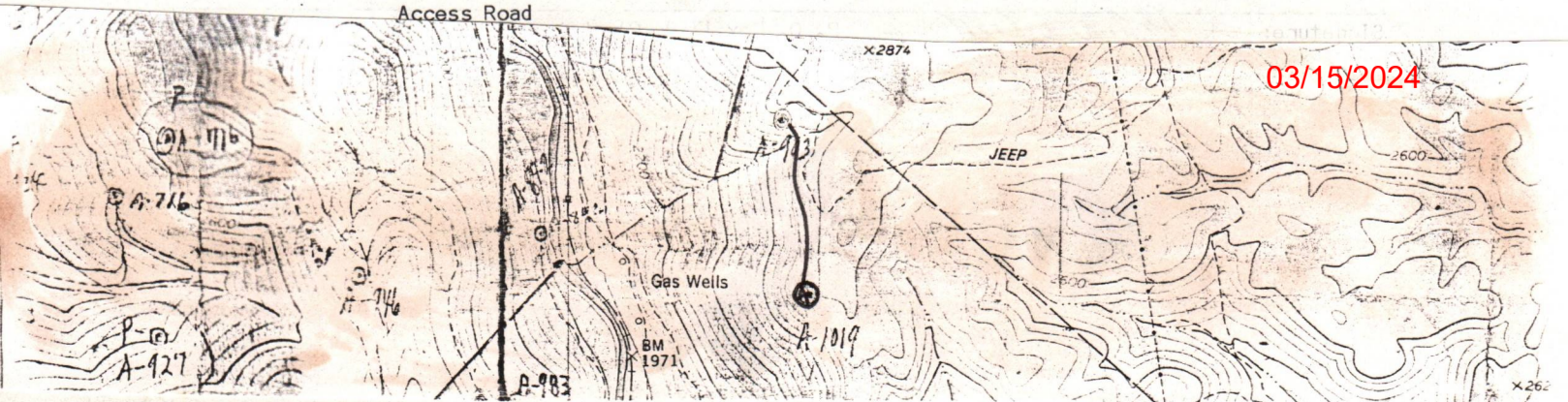
Mulch Straw 2 lbs/acre
Seed* Kentucky 31 Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

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



AMAX COAL COMPANY

A DIVISION OF AMAX INC.

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

April 8, 1981

Not signed

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

Re: Allegheny Land and Mineral Co.
No. A 1019 McMullan (Goff Arnold)
Middle Fork District
Randolph County, West Virginia

RECEIVED
APR 13 1981

OIL & GAS DIVISION
DEPT. OF MINES

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.

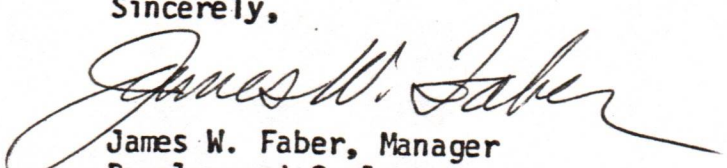
3. Allegheny Land & Mineral Company will provide AMAX with a density and natural gamma ray log at a 5"=100' scale covering the interval from total depth to ground surface. In addition, one copy of any other geophysical log shall be sent to AMAX. However, AMAX Coal Company retains the option to run their own logs or have this service contracted out. Please contact Mr. David Darko (317/266-2633) for questions on this procedure. AMAX Coal Company would like permission to run logs on the coal section of this hole and would bear the logging costs and rig time costs for such service.

Ren-458

4/17/81
15 days
03/15/2024

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
David A. Darko

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APR 13 1981
OFFICE OF THE ASSISTANT
SECRETARY
DEPT. OF MINES

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

Representative of Allegheny Land and Mineral Co. (Date)

OG-10
9-71



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

AUG 21 1981

OIL and GAS DIVISION
WELL RECORD

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Quadrangle Cassity 7.5'

Permit No. 47-083-0458

Rotary XXX Oil
Cable Gas XXX
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>2,539</u>				
Location (water) <u>Middle Fork</u>	Size			
Well No. <u>A-1019</u> Elev. <u>2739'</u>	<u>20-16</u>			
District <u>Middle Fork</u> County <u>Randolph</u>	Cond. <u>11 3/4</u>	<u>12'</u>	<u>0</u>	
The surface is owned in fee by <u>Harry McMullan et al</u>	<u>13-10"</u>			
	<u>9 5/8</u>			
Address <u>P.O. Box 8, Washington, N.C.</u>	<u>8 5/8</u>	<u>1178'</u>	<u>1178'</u>	w/285 sks. to surface
Mineral rights are owned by <u>same as above</u>	<u>7</u>			
Address <u> </u>	<u>5 1/2</u>			
Drilling Commenced <u>July 3, 1981</u>	<u>4 1/2</u>	<u>5150'</u>	<u>5150'</u>	w/610 sks. 1600'
Drilling Completed <u>August 5 1981</u>	<u>3</u>			
Initial open flow <u>253M</u> cu.ft. <u> </u> bbls. <u>2</u>				
Final production <u>1,517M</u> cu.ft. per day <u> </u> bbls.	Liners Used			
Well open <u>2</u> hrs before test <u>1250#</u> RP.				

Well treatment details: Attach copy of cementing record.
 Balltown sand treated w/500 gal 15% HCL total fluid 606 bbls 45,000# 20/40
 Benson Sand treated w/500 gal 15% HCL total fluid 826 bbls 60,000# 20/40
 Elk Sand treated w/500 gal 15% HCL total fluid 790 bbls 60,000# 20/40

Coal was encountered at 36-37 and 698-706 Feet Inches
 Fresh water Feet Salt water Feet
 Producing Sand Balltown, Benson and Elk Depth

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Sand & Shale			0	36	Gas ck. @ 1291'	no show
Coal			36	37	" " " 1382'	" "
Sand & Shale			37	698	" " " 1597'	" "
Coal			698	706	" " " 2036'	" "
RR Sand & Shale			706	1276	" " " 2254'	198MCF
Little Lime			1276	1337	" " " 2625'	84MCF
RR & Shale			1337	1359	" " " 3064'	119MCF
Big Lime			1359	1476	" " " 3503'	119MCF
Sand & Shale			1476	1506	" " " 3911'	119MCF
Big Injun			1506	1597	" " " 4697'	84MCF
Sand & Shale			1597	2117	" " " 4916'	80,900CF
4th Sand			2117	2222	" " " 5042'	107,000CF
Sand & Shale			2222	2330	" " " 5324'	253MCF
5th Sand			2330	2377		
Sand & Shale			2377	2415		
Bayard			2415	2425		
Sand & Shale			2425	2455		
Speechley			2455	2475		
Sand & Shale			2475	3625		
Riley			3625	3655		

03/15/2024

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

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AUG - 3 1981

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 083-0458

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 McMillen</u>	16			Kind of Packer
Well No. <u>A-1019</u>	13			
District <u>Middle Fork</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>7-31-81</u>	8 1/4			
Drilling completed _____ Total depth _____	6 1/4			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:

MOVE RIG SPD

7-31-81
DATE

Robert Stewart 511
03/15/2024
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 083-0458

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>Neva McMullen</u>	16			Kind of Packer
Well No. <u>A-1019</u>	13			
District <u>MIDDLE FORK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>7-81</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: OK To Release

RECEIVED

DEC 21 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

12-17-81
DATE

Robert Stewart
03/15/2024
DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

January 25, 1982

WALTER N. MILLER
DIRECTOR

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

A-1019

FERC-121

AUG 25 1981

1.0 API well number: (If not available, leave blank. 14 digits.)	47 - 083 - 0458			
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.)	5324' 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	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.)	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 - 1019			
(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.)	2.488	0.248	0.248	2.984
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.488	0.248	0.248	2.984
9.0 Person responsible for this application:	Daniel L. Wheeler Name Signature 8-24-81 Date Application is Completed			
Agency Use Only	Vice-Pres. Land Dept. Title 304-623-6671 Phone Number			
Date Received by Juris. Agency	AUG 25 1981			
Date Received by FERC				

FT7900806/2-2

03/15/2024

DEC 1 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
81-09-25-103-043 = 0458
 Use Above File Number on all Communications
 Relating to Determination of this Well

CK 1500'

083-339 (A-903) = 1900'

083-291 (A-859) = 4000'

083-348 (A-933) = 3800'

083-005 (Randolph) = 3700'

Deferred for BHP calculation
Qualifies J. H. 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: 1-3-81 Date completed 8-5-81 Deepened _____

(5) Production Depth: 2788-93, 3815-28, 5012-28

(5) Production Formation: Balltown, Benson, Elk

(5) Final Open Flow: 1517 MCF

(5) After Frac. R. P. 1250# 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? 03/15/2024

Does official well record with the Department confirm the submitted information? yes

Additional information _____ Does computer program confirm? _____

Was Determination Objected to _____ By Whom? _____

RECEIVED

8-24 1981

STATE OF WEST VIRGINIA AUG 24 1981 Operator's
DEPARTMENT OF MINES, OIL AND GAS DIVISION Well No
WV DEPARTMENT OF MINES 47 Well No A-1018
State 083 County 0458 Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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

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

LOCATION: Elevation 2739'
Watershed Middle Fork
Dist Middle Fork County Randolph Quad Cassity 7.5

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

Gas Purchase Contract No. N/
Meter Chart Code /
Date of Contract A

* * * * *

Date surface drilling was begun: 7-3-81

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

Rock Pressure was 1250 # 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, 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 24th day of August, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 24th day of August, 1981.

My term of office expires on the 20th day of December, 1989.

Ethel Marie Crowley
Notary Public
Ethel Marie Crowley

03/15/2024

