



RECEIVED
DEC - 8 1980

THIS PERMIT MUST BE POSTED AT THE WELL SITE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved

Oil and Gas Division

for Drilling . This permit shall expire .
operations have not commenced by 8-24-81

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

J. J. Muzzy
Deputy Director - Oil & Gas Division

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

DATE December 6, 1980
Company ALLEGHENY LAND & MINERAL COMPANY
P. O. Drawer 1740
Address Clarksburg, West Virginia 26301
Farm McMullan Acres 9.757
Location (waters) Sugar Run
Well No. A-970 Elevation 2843'
District Middle Fork County Randolph
Quadrangle Cassity 7.5'

COAL OWNER: Mrs. Neva McMullan, Exec., Trustee
U/W of Harry McMullan, Jr.
P. O. Box 8
Washington, North Carolina 27889

COAL LESSEE: AMAX Coal Company
105 South Meridan Street
Indianapolis, Indiana 46225
International Coal Company
Greenbrier Valley Building
119 Washington Street, East
Lewisburg, West Virginia 24901

OIL & GAS ROYALTY Mrs. Neva McMullan, Exec.
U/W of Harry McMullan, Jr.
P. O. BOX 8
Washington, North Carolina 27889
Surface Westvaco
203 Randolph Avenue
Elkins, West Virginia 26241

INSPECTOR
TO BE NOTIFIED Robert S. Stewart
ADDRESS P. O. Box 345
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 May 1, 1973 19 by Estate of Harry McMullan, Jr. et al made to Columbia Gas Transmission Corp and recorded on the 16th day of August 1973 in Randolph County, Book 283 Page 408

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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

Very truly yours,
(Sign Name) ALLEGHENY LAND & 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. Drawer 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

47-083-0396 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 & MINERAL COMPANY
 ADDRESS: P. O. Drawer 40 ADDRESS: P. O. Drawer 1740
 TELEPHONE: Buckhannon, West Virginia 26201 TELEPHONE: Clarksburg, West Virginia 26301
 472-4610 623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 5200' 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 III UP OR SACKS - CUBIC FT. |
|------------------------|-------------------|--------------|------------------------------------|
| 20 - 16 | 20' | 20' | <i>to surface</i> |
| 13 - 10 | | | |
| 9 - 5/8 | | | |
| 8 - 5/8 | 700' | 700' | <i>to surface</i> |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 5200' | 5200' | <i>520 sks or as reqd.</i> |
| 3 | | | Perf. Top <i>by rule 15.01</i> |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 9 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 48-54
 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 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.


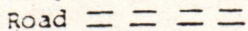
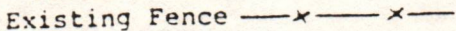



WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location. 03/15/2024

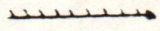




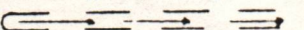
We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title

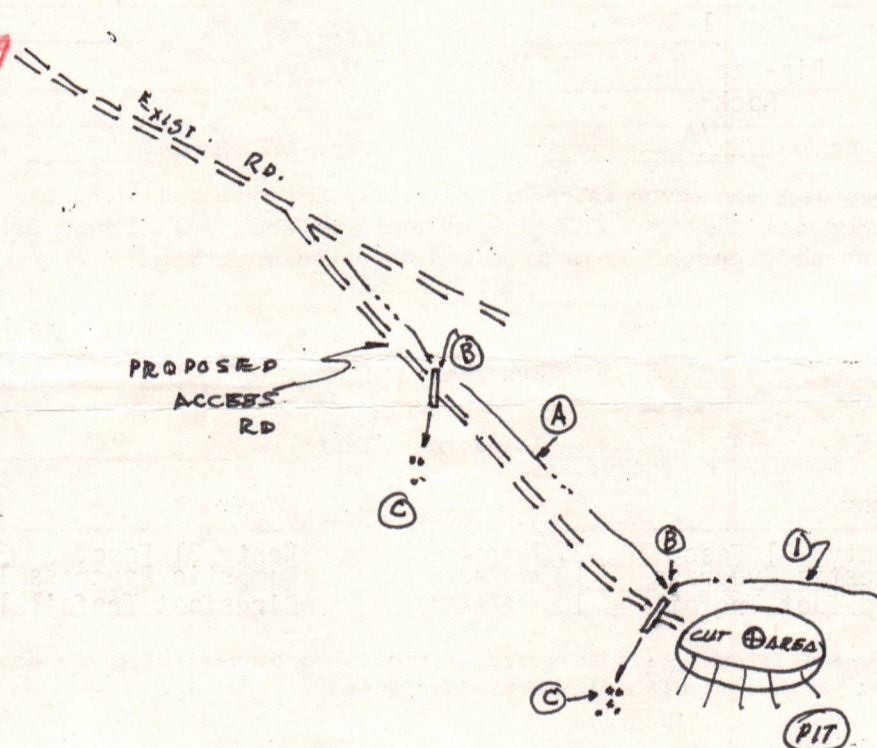
Well Site Plan

Legend: Property Boundry 
 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, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.

4" Ditch Relief CROSS DRAINS 150' SPACING

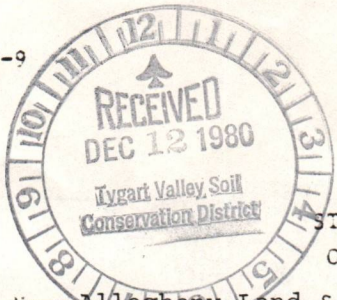


Comments: Slope of access road 15% -- Cuts to be on a 2:1 slope or less --
Access road subject to change by company or landowner -- All ditches and culverts
will be maintained after construction is completed -- Reclamation to be performed
by Halls Reclamation, Inc.

Signature: *Ronald Cullen* Agent P.O. Box 1740, Clarksburg, W.Va. 623-6671
 Address

Printed 03/15/2024

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



Date Dec. 9 19 80
 Well No. A-970
 API No. 47 - 083 - 0396
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Allegheny Land & Mineral Co Designated Agent J. Ronald Cullen
 Address P.O. Box 1740, Clarksburg, W.V. Address P.O. Box 1740, Clarksburg, W.V.
 Telephone 623-6671 Telephone 623-6671
 Landowner Harry McMullan (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. 12/15/80 (Date) Junior Hedrick (SCD Agent) Jean Freeman

| 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.</u> Page Ref. Manual <u>1-8</u> | Structure _____ (2) Material _____ Page Ref. Manual _____ |
| Structure <u>Rip-Rap</u> (C) Spacing <u>Rock</u> Page Ref. Manual <u>N/A</u> | Structure _____ (3) Material _____ Page Ref. Manual _____ |

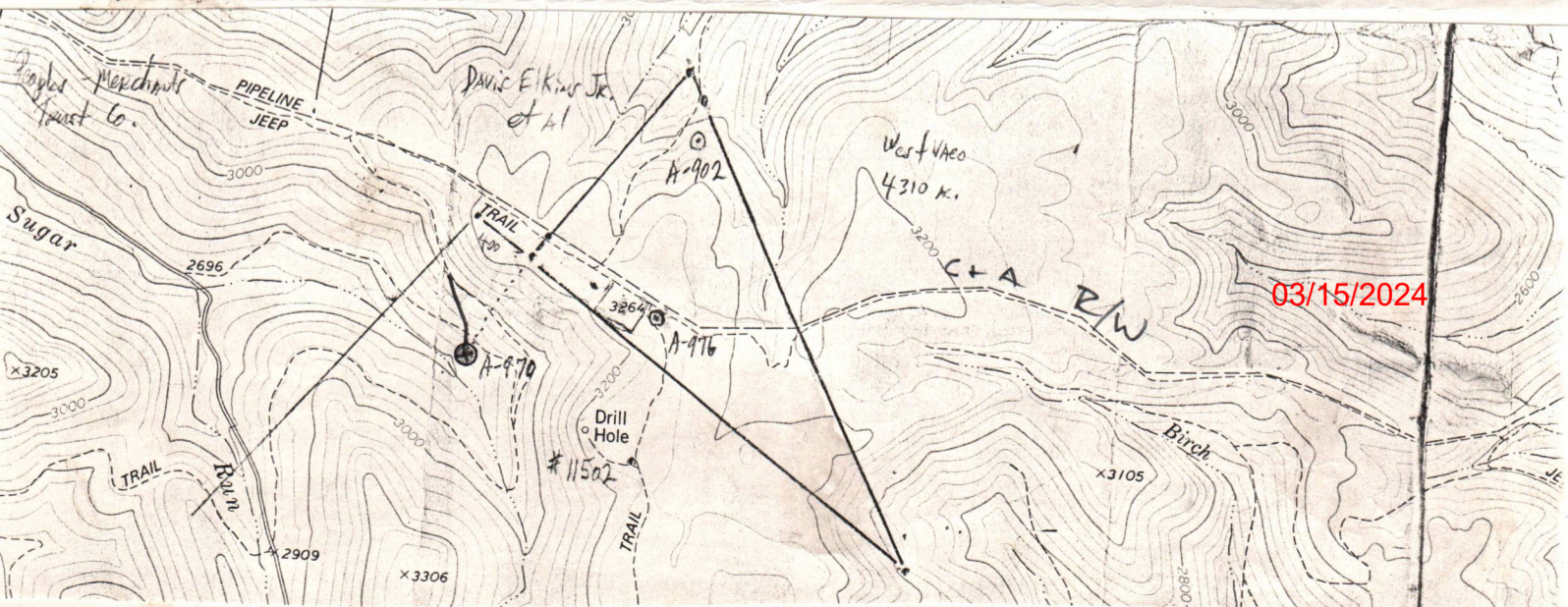
All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked. All brush and small timber to be cut and removed from site before dirt work begins. **RECEIVED**
Revegetation **GAS DIVISION OF MINE**

| Treatment Area I | Treatment Area II |
|---|---|
| Lime <u>2.5</u> <u>3</u> Tons/acre or correct to pH <u>6.5</u> | 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) | Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent) |
| Mulch <u>Straw</u> 2 Tons/Acre | Mulch <u>Straw</u> 2 Tons/Acre |
| Seed* <u>Kenty 31 Fesc.</u> 35 lbs/acre <u>Domestic Ryegrass</u> 10 lbs/acre <u>Birdsfoot Trefoil</u> 10 lbs/acre | Seed* <u>Kenty 31 Fesc.</u> 35 lbs/acre <u>Domestic Ryegrass</u> 10 lbs/acre <u>Birdsfoot Trefoil</u> 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

December 10, 1980

4/14/82

*a 20m did
not sign.*

Jaye

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

Re: Allegheny Land & Mineral Company
#A-970 MuMullan
Middlefork District
Randolph County, West Virginia

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.

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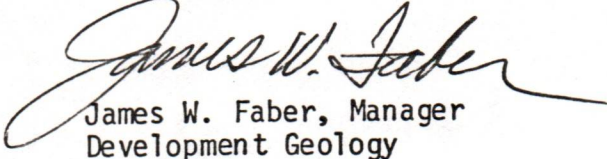
DEC 12 1980

OIL & GAS DIVISION 03/15/2024
DEPT. OF MINES

Department of Mines
Page Two
December 10, 1980

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 & Mineral Company
David A. Darko

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

Representative of Allegheny Land & Mineral Company (Date)

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DEC 12 1980
OIL & GAS DIVISION
DEPT. OF MINES

03/15/2024

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Well was fractured March 2, 1981 by Dowell.

Perforations: 2330 - 2335' - 16 holes
 3563 - 3571' - 10 "
 3547 - 3553' - 6 "
 4849 - 4863' - 16 "

WELL LOG

| FORMATION | Color | Hard or Soft | Top Feet | Bottom Feet | Remarks Including indication of all fresh and salt water, coal, oil and gas |
|---------------|-------|--------------|----------|-------------|--|
| Fill dirt | | | 0 | 15 | Water - 1/2" Stream @ 15' |
| COAL ***** | | | 15 | 17 | Coal ***** |
| Sand & Shale | | | 17 | 479 | Water - 1" Stream @ 479' |
| COAL ***** | | | 479 | 483 | Coal ***** |
| Sand & Shale | | | 483 | 1092 | |
| Little Lime | | | 1092 | 1106 | |
| Shale | | | 1106 | 1120 | |
| Big Lime | | | 1120 | 1318 | |
| Injun Sand | | | 1318 | 1362 | |
| Sand & Shale | | | 1362 | 2040 | |
| 4th Sand | | | 2040 | 2076 | |
| Sand & Shale | | | 2076 | 2164 | |
| 5th Sand | | | 2164 | 2182 | |
| Sand & Shale | | | 2182 | 2330 | |
| Balltown Sand | | | 2330 | 2342 | |
| Sand & Shale | | | 2342 | 3563 | |
| Benson Sand | | | 3563 | 3580 | |
| Sand & Shale | | | 3580 | 3596 | |
| Benson Sand | | | 3596 | 3606 | |
| Sand & Shale | | | 3606 | 4848 | |
| Elk Sand | | | 4848 | 4874 | |
| Shale | | | 4874 | 5150 | |
| | | total depth | | 5150 | (Driller) |

(Attach separate sheets to complete as necessary)

Allegheny Land & Mineral Company
 Well Operator

By Claron Dawson

Its Supt.

03/15/2024

NOTE: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas x / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow x /)
LOCATION: Elevation: 2843' Watershed: Sugar Run
District: Middle Fork County: Randolph Quadrangle: Cassity 7.5'
WELL OPERATOR ALLEGHENY LAND & MINERAL CO. DESIGNATED AGENT ALLEGHENY LAND & MINERAL CO.
Address P. O. BOX 1740 Address P. O. BOX 1740
CLARKSBURG, W. VA. 26301 CLARKSBURG, W. VA. 26301

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

PERMIT ISSUED ON December 6, 19 80 OIL & GAS INSPECTOR FOR THIS WORK:
(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name Robert S. Stewart
Address P. O. Box 345
Jane Lew, WV 26378

GEOLOGICAL TARGET FORMATION: Elk Depth 5200 feet
Depth of completed well, 5150 feet Rotary x / Cable Tools ___
Water strata depth: Fresh, 15,479 feet; salt, ___ feet.
Coal seam depths: 15-17', 479-483' Is coal being mined in the area? ___
Work was commenced February 4, 1981, and completed February 11, 1981

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS | | | | FOOTAGE INTERVALS | | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS |
|-----------------------|----------------|-------|---------------|-----|-------------------|--------------|--------------------------------------|--------------------------|
| | Size | Grade | Weight per ft | New | Used | For drilling | | |
| Conductor | 11-3/4" | | | x | | 27' | 27' | Kinds |
| Fresh water | 8-5/8" | | | | | | | |
| Coal | 8-5/8" | | | x | | 865' | 865' | Cemented to surface |
| Intermediate | | | | | | | | |
| Production | 4 1/2" | | | x | | 4995' | 4995' | 1600' Depths set |
| Tubing | | | | | | | | |
| Liners | | | | | | | | Perforations: Top Bottom |

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MAY 4 1981

OIL & GAS DIVISION
DEPT. OF MINES

OPEN FLOW DATA

Producing formation Balltown, Benson, & Elk Pay zone depth _____ feet
All sand Gas: Initial open flow, 622 Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, _____ Mcf/d Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, 1200 psig (surface measurement) after 48 hours shut in
[If applicable due to multiple completion--]
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, _____ Mcf/d Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, _____ psig (surface measurement) after _____ hours shut in

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

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FEB - 9 1981

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES Oil or Gas Well GAS

Permit No. 083-0396

| Company | CASING AND TUBING | USED IN DRILLING | Left in Well | PACKERS |
|---|--|------------------|--------------|----------------|
| <u>Alleghent Land & Min</u> | | | | |
| Address <u>CLARKSBURG</u> | Size | | | Kind of Packer |
| Farm <u>HARRY McMILLAN</u> | 16 | | | |
| Well No. <u>A-970</u> | 13 | | | Size of |
| District <u>MIDDLE FORK</u> County <u>RAUDOLPH</u> | 10 | | | |
| Drilling commenced <u>2-5-81</u> | 8 1/4 | | | Depth set |
| Drilling completed _____ Total depth _____ | 6 1/4 | | | |
| Date shot _____ Depth of shot _____ | 5 3/16 | | | Perf. top |
| Initial open flow _____ /10ths Water in _____ Inch | 3 | | | Perf. bottom |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | 2 | | | Perf. top |
| Volume _____ Cu Ft. | Liners Used _____ | | | Perf. bottom |
| Rock pressure _____ lbs. _____ hrs. | CASING CEMENTED _____ SIZE _____ No. FT _____ Date _____ | | | |
| Oil _____ bbls., 1st 24 hrs. | NAME OF SERVICE COMPANY _____ | | | |
| Fresh water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| Salt water _____ feet _____ feet | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names UNION DRIG Rig-2

Remarks: MOVE RIG SPUD

2-5-81

DATE

Robert Stewart 511
DISTRICT SUPERVISOR

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 | | |
|-------|-----------------------------|-----------|--------|--------|-----------------------|------|------|
| | CEMENT-THICKNESS | WOOD-SIZE | | | RECOVERED | SIZE | LOST |
| | PLUGS USED AND DEPTH PLACED | | | | BRIDGES | | |
| | | | LEAD | | CASING AND TUBING | | |
| | | | | | CONSTRUCTION-LOCATION | | |
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Drillers' Names _____

Remarks: _____

_____ hereby certify I visited the above 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. 083-0396

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 | Size of | Kind of Packer | |
| <u>Allegheny Land & Min</u> | <u>CLARKSBURG</u> | <u>HARRY McMullen</u> | <u>A-970</u> | <u>MIDDLE FORK</u> | <u>RANDOLPH</u> | <u>2-5-81</u> | | | | | | | | | | <u>8 5/8</u> | | <u>875</u> | <u>260 SKS</u> |
| | | | | | | | | | | | | | | | | | | | |
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CASING CEMENTED 8 5/8 SIZE 875 No. FT. 2-6-81 Date
 NAME OF SERVICE COMPANY Dowell
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Union DRIG RIG 2

Remarks: Cement To SURFACE

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OIL & GAS DIVISION
 DEPT. OF MINES

2-6-81
 DATE

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

INSPECTOR'S WELL REPORT

Permit No. 083-0396

Oil or Gas Well GAS
(KIND)

Company ALLEGHENY LAND & MIN
 Address CLARKSBURG
 Farm HARRY McMullen
 Well No. A-970
 District MIDDLE FORK County RANDOLPH
 Drilling commenced 2-5-81
 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 _____

Remarks: OK - To Release

RECEIVED

FEB 5 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

2-2-82
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 |
| | | | | | | | | |
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Drillers' Names _____

Remarks: _____

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

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-970

RECEIVED

FERC-121

MAY 6 1981

| | | | | |
|---|---|---------|--|--|
| 1.0 API well number: (If not available, leave blank. 14 digits.) | 47-083-0396 | | | |
| 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 N/A Category Code | |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) | 5150' 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. 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 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 - 970 | | | |
| (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.) | 2.444 | 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 Name Signature 5-4-81 Date Application is Completed | | | |
| Agency Use Only | Vice-Pres. Land Dept. Title 304-623-6671 Phone Number | | | |
| Date Received by FERC | MAY 6 1981 | | | |

FT7900206/2-2

03/15/2024

DATE: JUL 9 1981

BUYER-SELLER CODE

PARTICIPANTS:

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
81-5-6-103-083 = 0396
Use Above File Number on all Communications
Relating to Determination of this Well

CK map 1500'

Qualifies J. H. Huggins

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
1. FERC -121 [check] Items not completed - Line No.
2. IV-1 Agent James B. Gehr
3. IV-2 Well Permit [check]
4. IV-6 Well Plat [check]
5. IV-35 Well Record [check] Drilling [check] Deepening [check]
6. IV-36 Gas-Oil Test: Gas Only [check] Was Oil Produced? [check] Ratio [check]
7. IV-39 Annual Production [check] years
8. IV-40 90 day Production [check] Days off line: [check]
9. IV-48 Application for certification. Complete? [check]
10-17. IV Form 51 - 52 - 53 - (54) - 55 - 56 - 57 - 58 Complete? [check] Affidavit Signed [check]
18-28. Other: Survey [check] Logs [check] Geological Charts [check]
Structure Map [check] 1: 4000 Map [check] Well Tabulations [check]
Gas Analyses [check]
(5) Date commenced: 2-4-81 Date completed 2-11-81 Deepened [check]
(5) Production Depth: 2330-35, 3563-71, 4849-63
(5) Production Formation: Balltown, Benson Elk
(5) Final Open Flow: 222 mcf
(5) After Frac. R. P. 1200 # 48 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? [check] Notarized? [check]
Does official well record with the Department confirm the submitted information? 03/15/2024
Additional information Does computer program confirm?
As Determination Objected to By Whom?

5

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

Date 5-4-81 19

Operator's Well No A-970

API Well No. 47 State 083 County 0396 Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
MGPA 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 2843
Watershed Sugar Run
Dist. Middle Fork County Randolph Quad Locust 7.5

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

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

* * * * *

Date surface drilling was begun: 2-4-81

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.

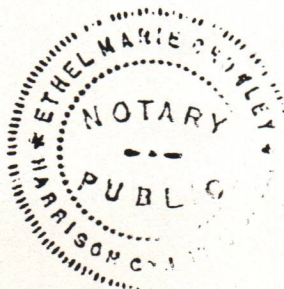
James B. Gehr
President
Allegheny Land & Mineral Co.

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 4th day of May, 19 81, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 4th 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