

THIS PERMIT MUST BE POSTED AT THE WELL SITE



RECEIVED  
OCT - 2 1980

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 7-5-81

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

*John B. ...*  
Deputy Director - Oil & Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 30, 1980  
Company ALLEGHENY LAND & MINERAL COMPANY  
P. O. Drawer 1740  
Address Clarksburg, West Virginia 26301  
Farm McMullan Acres 758  
Location (waters) Long Run  
Well No. A-934 Elevation 2360  
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

Westvaco  
203 Randolph Avenue  
Elkins, West Virginia 26241

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 AND SURFACE OWNERS: Mrs. Neva McMullan, Exec.  
U/W of Harry McMullan, Jr.  
P. O. BOX 8  
Washington, North Carolina 27889

Westvaco  
203 Randolph Avenue  
Elkins, West Virginia 26241

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 Harry McMullan Jr., etal made to Manufacturers Light & Heat and recorded on the 30th day of July 19 71 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. yes

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:

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

Address of Well Operator

Very truly yours,  
(Sign Name) ALLEGHENY LAND & MINERAL COMPANY

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- 0377 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: 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 369 FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS 225-230  
 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.




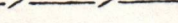

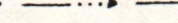
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

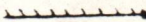





WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location. 03/22/2024  
 We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator 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

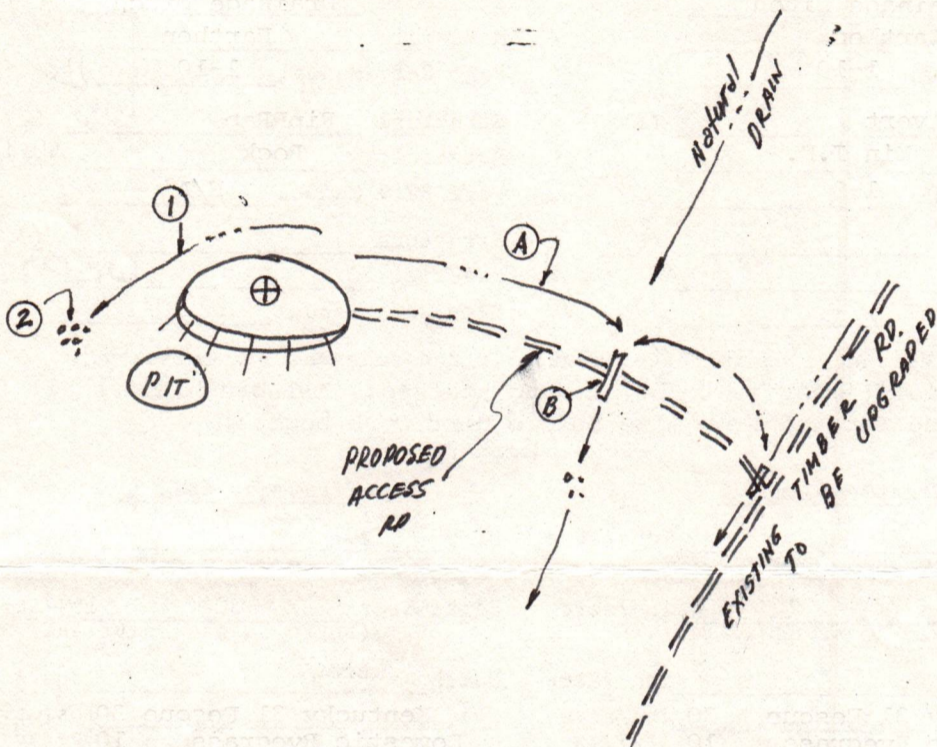


Well Site Plan

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

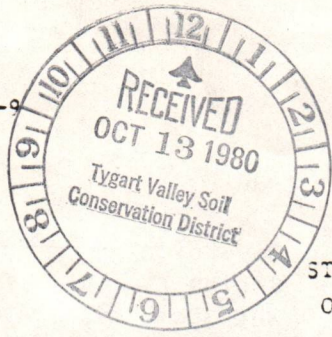


Comments: Slope of access road 10% -- Cuts to be on a 2:1 slope or less --  
Access road subject to change by company or landowner -- All ditches and culverts  
will be maintained after construction is completed -- Reclamation to be performed  
by Halls Reclamation, Inc.

Signature: *Ronald Cohen* Agent P.O. Box 1740, Clarksburg, W.Va. 623-6671  
 Address 03/22/2024

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





Date October 8 19 80  
Well No. A-934  
API No. 47 - 083 -  
State County Permit

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

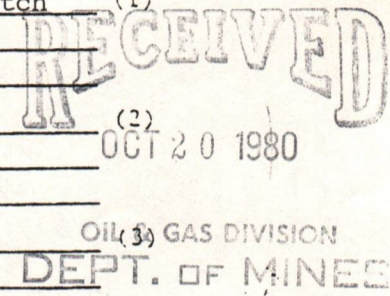
Company Name Allegheny Land & Mineral Co Designated Agent J. Ronald Cullen  
Address P.O. Box 1740, Clarksburg, W.V. Address P.O. Box 1740, Clarksburg, W.V.  
Telephone 623-6671 Telephone 623-6671  
Landowner Neva McMullan exec. Soil Cons. District Tygart Valley

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. 10/14/80 (Date) Juan Bedria (SCD Agent) Jean Freeman

Access Road  
Structure Drainage Ditch (A)  
Spacing Earthen  
Page Ref. Manual 1-10  
Structure Culvert (B)  
Spacing 12" Min I.D.  
Page Ref. Manual 1-8  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Location  
Structure Drainage Ditch (1)  
Material Earthen  
Page Ref. Manual 1-10  
Structure Rip-Rap (2)  
Material Rock  
Page Ref. Manual N/A  
Structure \_\_\_\_\_  
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

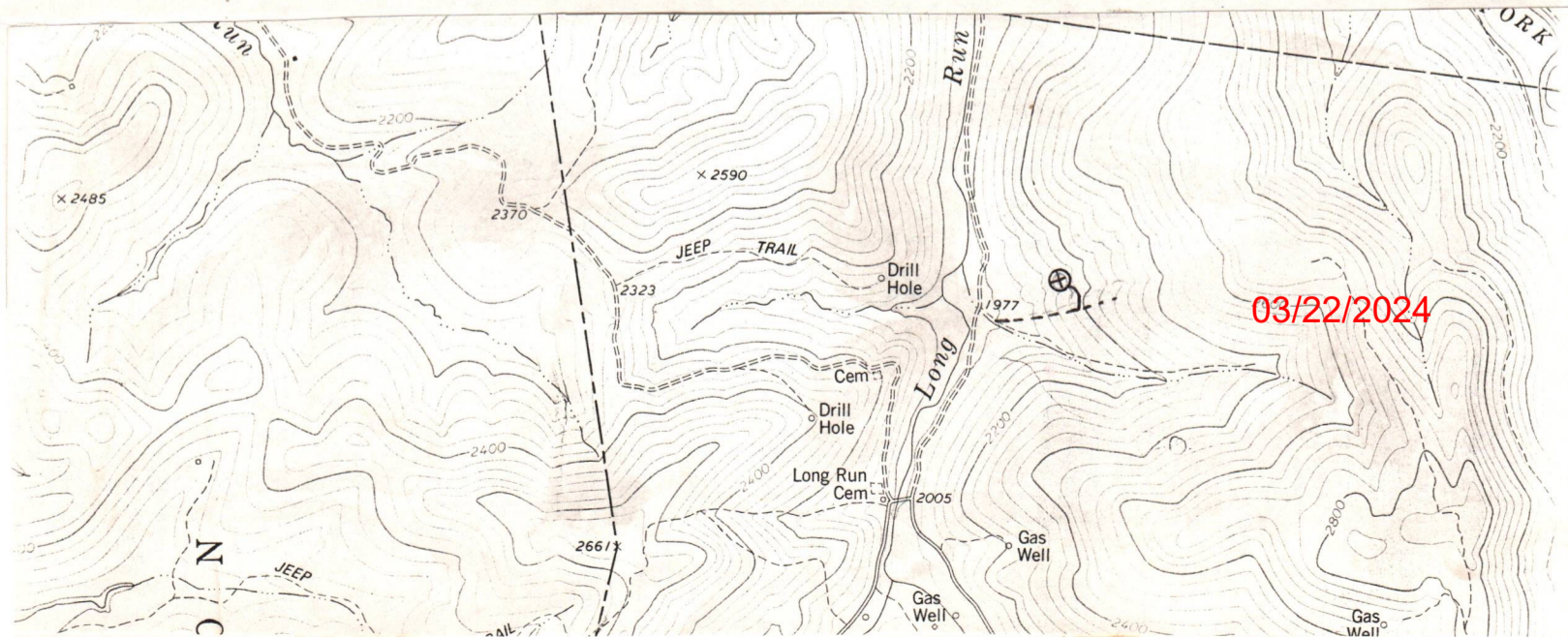
Treatment Area I  
Lime 2.5 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw 2 Tons/Acre  
Seed\* Kentucky 31 Fescue 30 lbs/acre  
Domestic Ryegrass 10 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre

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 Tons/Acre  
Seed\* Kentucky 31 Fescue 30 lbs/acre  
Domestic Ryegrass 10 lbs/acre  
Birdsfoot Trefoil 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





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

Well was fractured 12-11-80 by Halliburton.

Perforations: 1359 - 1367' - 16 shots  
 4380 - 4382' - 4 "  
 4388 - 4394' - 12 "  
 4496 - 4502' - 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 |
| Sand         |       |              | 0           | 27          | Water - 2" @ 27'  |
| Sand & Shale |       |              | 27          | 85          | Water - 1" @ 45'  |
| COAL *****   |       |              | 85          | 88          | Coal *****  |
| Sand         |       |              | 88          | 125         | Water - 1/2" @ 128'   |
| COAL *****   |       |              | 125         | 130         | Coal *****  |
| Sand & Shale |       |              | 130         | 725         |   |
| Big Lime     |       |              | 725         | 850         |   |
| Injun Sand   |       |              | 850         | 948         |   |
| Sand & Shale |       |              | 948         | 1358        |   |
| Gordon Sand  |       |              | 1358        | 1374        |   |
| Sand & Shale |       |              | 1374        | 3178        |   |
| Benson Sand  |       |              | 3178        | 3194        |   |
| Sand & Shale |       |              | 3194        | 4356        |   |
| Elk Sand     |       |              | 4356        | 4508        |   |
| Shale        |       |              | 4508        | 4827        |   |
|              |       |              | total depth | 4827        | (Driller)   |

(Attach separate sheets to complete as necessary)

Allegheny Land & Mineral Company  
Well Operator

By Claron Dawson

Its Supt.

03/22/2024

**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 xx /)  
LOCATION: Elevation: 2360' Watershed: Long Run  
District: Middle Fork County: Randolph Quadrangle: Cassity 7.5'

WELL OPERATOR ALLEGHENY LAND & MINERAL CO. DESIGNATED AGENCY 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 September 30, 19 80

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED \_\_\_\_\_, 19 \_\_\_\_\_)

Name Robert S. Stewart  
Address P. O. Box 345  
Jane Lew, WV 26378

GEOLOGICAL TARGET FORMATION: Elk Depth 5300 feet  
Depth of completed well, 4827 feet Rotary x / Cable Tools \_\_\_  
Water strata depth: Fresh 27,45, 128' feet; salt, \_\_\_ feet.  
Coal seam depths 85-88, 125-130' Is coal being mined in the area? \_\_\_  
Work was commenced November 22, 19 80, and completed December 1, 19 80

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   |                   | 33'          | 33'                                  | Kinds                    |
| Fresh water           | 8-5/8"         |       |               |     |                   |              |                                      |                          |
| Coal                  | 8-5/8"         |       |               | x   |                   | 875'         | 875'                                 | Cemented to surface      |
| Intermediate          |                |       |               |     |                   |              |                                      |                          |
| Production            | 4 1/2"         |       |               | x   |                   | 4645'        | 4645'                                | " " 1000' Depths set     |
| Tubing                |                |       |               |     |                   |              |                                      |                          |
| Liners                |                |       |               |     |                   |              |                                      | Perforations: Top Bottom |

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JAN 13 1981

OPEN FLOW DATA

Producing formation Gordon Sand Pay zone depth 1358-1374 feet  
Gas: Initial open flow, \_\_\_ Mcf/d Oil: Initial open flow, \_\_\_ Bbl/d  
**Both Sands** - Final open flow, 1,517 Mcf/d Final open flow, \_\_\_ Bbl/d  
Time of open flow between initial and final tests, \_\_\_ hours  
Static rock pressure, 520# psig (surface measurement) after 48 hours shut in  
[If applicable due to multiple completion--]

Second producing formation Elk Sand Pay zone depth 4356-4508 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

INSPECTOR'S WELL REPORT

Permit No. 083-0377

Oil or Gas Well GAS  
(KIND)

|   |   |                  |              |                |
|---|---|------------------|--------------|----------------|
| Company <u>Allegheny Land &amp; Min</u>                 | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS        |
| Address <u>CLARKSBURG</u>                               | Size  |                  |              |                |
| Farm <u>NEVA McMULLAN</u>                               | 16  |                  |              | Kind of Packer |
| Well No. <u>A-934</u>                                   | 13  |                  |              |                |
| District <u>MIDDLE FORK</u> County <u>RAUDOLPH</u>      | 10  |                  |              | Size of        |
| Drilling commenced <u>11-22-80</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 UNION DRIG RIG -11

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NOV 25 1980

Remarks: Move RIG SPUD

OIL & GAS DIVISION  
DEPT. OF MINES

11-22-80  
DATE

Robert St...  
03/22/2024  
DISTRICT WELL INSPECTOR







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

RECEIVED  
NOV 26 1980

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

Permit No. 083-0377

Oil or Gas Well GAS  
(KIND)

| Company<br><u>Allegheny Land &amp; Min</u>              | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS        |
|---|---|------------------|--------------|----------------|
|   | Address <u>CLARKSBURG</u>                                 | Size             |              |                |
| Farm <u>NOVA McMILLAN</u>                               | 16  |                  |              | Kind of Packer |
| Well No. <u>A-934</u>                                   | 13  |                  |              |                |
| District <u>MIDDLE FORK</u> County <u>RANDOLPH</u>      | 10  |                  |              | Size of        |
| Drilling commenced <u>11-22-80</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 Union DRILLING RIG-11

Remarks:  
Cement to SURFACE

11-24-80  
DATE

Robert Stewart 03/22/2024 511  
DISTRICT WELL INSPECTOR







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

RECEIVED

OCT 29 1982

INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Permit No. 093-0377

Oil or Gas Well OAS  
(KIND)

|   |   |                  |              |                |
|---|---|------------------|--------------|----------------|
| Company <u>ALLEGHENY LAND &amp; MIN</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-934</u>                                   | 13  |                  |              |                |
| District <u>MIDDLE FORK</u> County <u>RANDOLPH</u>      | 10  |                  |              | Size of        |
| Drilling commenced <u>11-22-80</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

10-27-82

DATE

Robert Stewart  
03/22/2024<sup>54</sup>  
DISTRICT WELL INSPECTOR









State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

WALTER N. MILLER  
DIRECTOR

November 6, 1982

Allegheny Land & Mineral Company  
P. O. Box 1740  
Clarksburg, W. Va. 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 NUMBER</u>       | <u>DISTRICT</u> |
|-------------------|-----------------------------------|-----------------|
| RAN-0375          | Capling/AMAX Coal Co., #A-916     | Roaring Creek   |
| RAN-0376          | Neva McMullan, #A-927             | Middle Fork     |
| RAN-0377          | Neva McMullan, #A-934             | Middle Fork     |
| RAN-0548          | Catholic University, #A-1062      | Roaring Creek   |
| RAN-0555          | B. H. Leigh, #A-1022              | Middle Fork     |
| RAN-0556          | Gilbert E. Thomason, #A-1071      | Middle Fork     |
| RAN-0557          | Robert E. Maxwell, et al, #A-1035 | Middle Fork     |
| RAN-0564          | E. V. Harshbarger, #A-1007        | Roaring Creek   |
| RAN-0570          | Goff-Arnold, #A-1155              | Middle Fork     |
| RAN-0571          | Vada Simmons, et al, #A-1083      | Roaring Creek   |
| RAN-0582          | Goff-Arnold, #A-1114              | Roaring Creek   |
| RAN-0583          | Goff-Arnold, #A-1115              | Roaring Creek   |

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

Very truly yours,

Theodore M. Streit

03/22/2024



A-934

FERC-121

APR 6 1981  
OIL & GAS DIVISION  
DEPT. OF MINES

|   |   |         |  |                                  |
|---|---|---------|--|----------------------------------|
| 1.0 API well number:<br>(If not available, leave blank. 14 digits.)   | 47-083-0377   |         |  |                                  |
| 2.0 Type of determination being sought:<br>(Use the codes found on the front of this form.)                                   | 103<br>Section of NGPA  |         | N/A<br>Category  |                                  |
| 3.0 Depth of the deepest completion location:<br>(Only needed if sections 103 or 107 in 2.0 above.)                           | 4827' feet  |         |  |                                  |
| 4.0 Name, address and code number of applicant:<br>(35 letters per line maximum. If code number not available, leave blank.)  | Allegheny Land & Mineral Co.<br>Name<br>P.O. Drawer 1740<br>Street<br>Clarksburg, W<br>City |         | 000333<br>Seller Code<br>W.Va. 26301<br>State Zip Code |                                  |
| 5.0 Location of this well: [Complete (a) or (b).]<br>(a) For onshore wells<br>(35 letters maximum for field name.)            | Middle Fork<br>Field Name<br>Randolph<br>County   |         | District<br>W.Va.<br>State                             |                                  |
| (b) For OCS wells:  | N/A<br>Area Name Block Number<br>Date of Lease:<br>Mo. Day Yr. OCS Lease Number             |         |  |                                  |
| (c) Name and identification number of this well: (35 letters and digits maximum.)   | A - 934   |         |  |                                  |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)   | Gardner   |         |  |                                  |
| 6.0 (a) Name and code number of the purchaser:<br>(35 letters and digits maximum. If code number not available, leave blank.) | Columbia Gas Transmission Corp.<br>Name   |         | 004030<br>Buyer Code                                   |                                  |
| (b) Date of the contract:   | Not in line!<br>Mo. Day Yr.   |         |  |                                  |
| (c) Estimated annual production:  | Not in line! MMcf.  |         |  |                                  |
|   | (a) Base Price<br>(\$/MMBTU)  | (b) Tax | (c) All Other<br>Prices (Indicate<br>(+) or (-).)      | (d) Total of (a),<br>(b) and (c) |
| 7.0 Contract price:<br>(As of filing date. Complete to 3 decimal places.)   | 2.428   | 0.242   | 0.242  | 2.912                            |
| 8.0 Maximum lawful rate:<br>(As of filing date. Complete to 3 decimal places.)  | 2.428   | 0.242   | 0.242  | 2.912                            |
| 9.0 Person responsible for this application:  | Daniel L. Wheeler<br>Name<br>Signature<br>4-3-81<br>Date Application is Completed           |         |  |                                  |
| Agency Use Only   | Vice-Pres. Land Dept.<br>Title  |         |  |                                  |
| Date Received by Juris. Agency  | 304-623-6671<br>Phone Number  |         |  |                                  |
| APR 6 1981  |   |         |  |                                  |
| Date Received by FERC   |   |         |  |                                  |

FT7900206.2-2

03/22/2024



PARTICIPANTS:

DATE: June 25 1981

BUYER-SELLER CODE

WELL OPERATOR: Allegheny Land & Mineral Co.

006333

FIRST PURCHASER: Columbia Gas Transmission

004030

OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
81-4-6 - 103-083 = 0377  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

*470-230000 1350*  
*Time formation 1350*  
 Qualifier 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: 11-22-80 Date completed 12-1-80 Deepened \_\_\_\_\_
  - (5) Production Depth: 1358-74, 4356-4508
  - (5) Production Formation: Gordon, Elk
  - (5) Final Open Flow: 1517 MCF
  - (5) After Frac. R. P. 520# 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 \_\_\_\_\_
  - 10-17. Does lease inventory indicate enhanced recovery being done NO
  - 10-17. Is affidavit signed?  Notarized?
- Does official well record with the Department confirm the submitted information? 03/29/2025
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_



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

Date 4-3 1981

Operator's Well No. A-934

API Well No. 083 - 0377  
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.

LOCATION: Elevation 2360'

ADDRESS P.O. Drawer 1740

Watershed Long Run

Clarksburg, W.Va. 26301

Dist. Middle Fork County Randolph Quad Cassidy 7.5'

GAS PURCHASER Columbia Gas Transmission Corp.

Gas purchase

ADDRESS 1700 MacCorkle Ave. S.E.

Contract No. N

Charleston, W.Va. 25314

Meter Chart Code

Date of Contract A

\* \* \* \* \*

Date surface drilling was begun: 11-22-80

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

Rock Pressure was 520# 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.

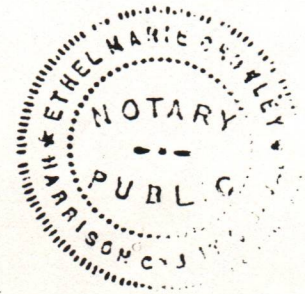
STATE OF WEST VIRGINIA,  
COUNTY OF Harrison, TO WIT:

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 3rd day of April, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3rd day of April, 1981.  
My term of office expires on the 20th day of December, 1989.

[NOTARIAL SEAL]

Ethel Marie Crowley  
Notary Public  
Ethel Marie Crowley



03/22/2024