

100 5-6-80

Date: April 29, 1980

Operator's Well No. A-870

API Well No. -7 - 083 - 0338
State County Permit

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas

(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 2727' Watershed: Three Forks Run
District: Middle Fork County: Randolph Quadrangle: Cassity 7.5'

WELL OPERATOR ALLEGHENY LAND & MINERAL CO.
Address P. O. DRAWER 1740
CLARKSBURG, WV 26301

DESIGNATED AGENT ALLEGHENY LAND & MINERAL CO.
Address P. O. Drawer 1740
CLARKSBURG, WV 26301

OIL & GAS ROYALTY AND SURFACE OWNERS: Mrs. Neva McMullan, Exec.
U/W of Harry McMullan, Jr.
Route 5, Box 394
Washington, North Carolina 27889

Westvaco
203 Randolph Avenue
Elkins, West Virginia 26241

COAL OWNER: Mrs. Neva McMullan, Exec., Trustee
U/W of Harry McMullan, Jr.
Route 5, Box 394
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

Acreage 46

FIELD SALE (IF MADE) TO:

Name Columbia Gas Transmission Corp.
Address P. O. Box 498
Washington, PA 15301

RECEIVED

MAY - 1 1980

OIL & GAS INSPECTOR TO BE NOTIFIED

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

**OIL & GAS DIVISION
DEPT. OF MINES**

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated March 22, 1972, to the undersigned well operator from Connecticut General Life & Harry McMullan unto Columbia Gas Transmission Corporation subsequently unto A. L. & M. Co. with drilling rights only. Recorded on April 26, 1972, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in Book 276 at page 469. A permit is requested as follows:

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

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

03/22/2024

ALLEGHENY LAND & MINERAL COMPANY

BY: Daniel L. Wheeler
Daniel L. Wheeler
Vice President

BLANKET BOND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNION DRILLING COMPANY
 Address P.O. BOX 40
BUCKHANNON, WEST VIRGINIA 26201

GEOLOGICAL TARGET FORMATION, Elk
 Estimated depth of completed well, 4900' feet Rotary XX / Cable tools /
 Approximate water strata depths: Fresh, 148 feet; salt, feet.
 Approximate coal seam depths: 200-204 is coal being mined in the area?
 Yes / No XX / 300-305

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SIZE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS		
		GRADE	Weight Per ft.	New	Used	For drilling	left in well	(cubic ft.)	Packer kinds
Conductor	16"				X	20'	20'	cement to surface	kinds
Fresh Water	8-5/8"								
Coal	8-5/8"		20#	X		700'	700'	cement to surface	sizes
Intermediate									
Production	4 1/2"		J 55 10.50#	X		4900'	4900'	cement to 300' above producing horizon	depths set
Tubing									
Liners									performations: Top botto

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code S 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code S 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code S 22-4-12a, and (v) if applicable, the consent required by Code S 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

THIS PERMIT MUST BE POSTED AT THE WELL SITE
 A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
 All provisions being in accordance with Chapter 12 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 1-16-81.

Robert T. [Signature]
 Deputy Director - Gas Division

The Following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code S 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of 08/22/2024 under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 19

By

Date: April 29, 1980

Operator's Well No. A- 870

API Well No. 47 -083 - 0338
State County Permit

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

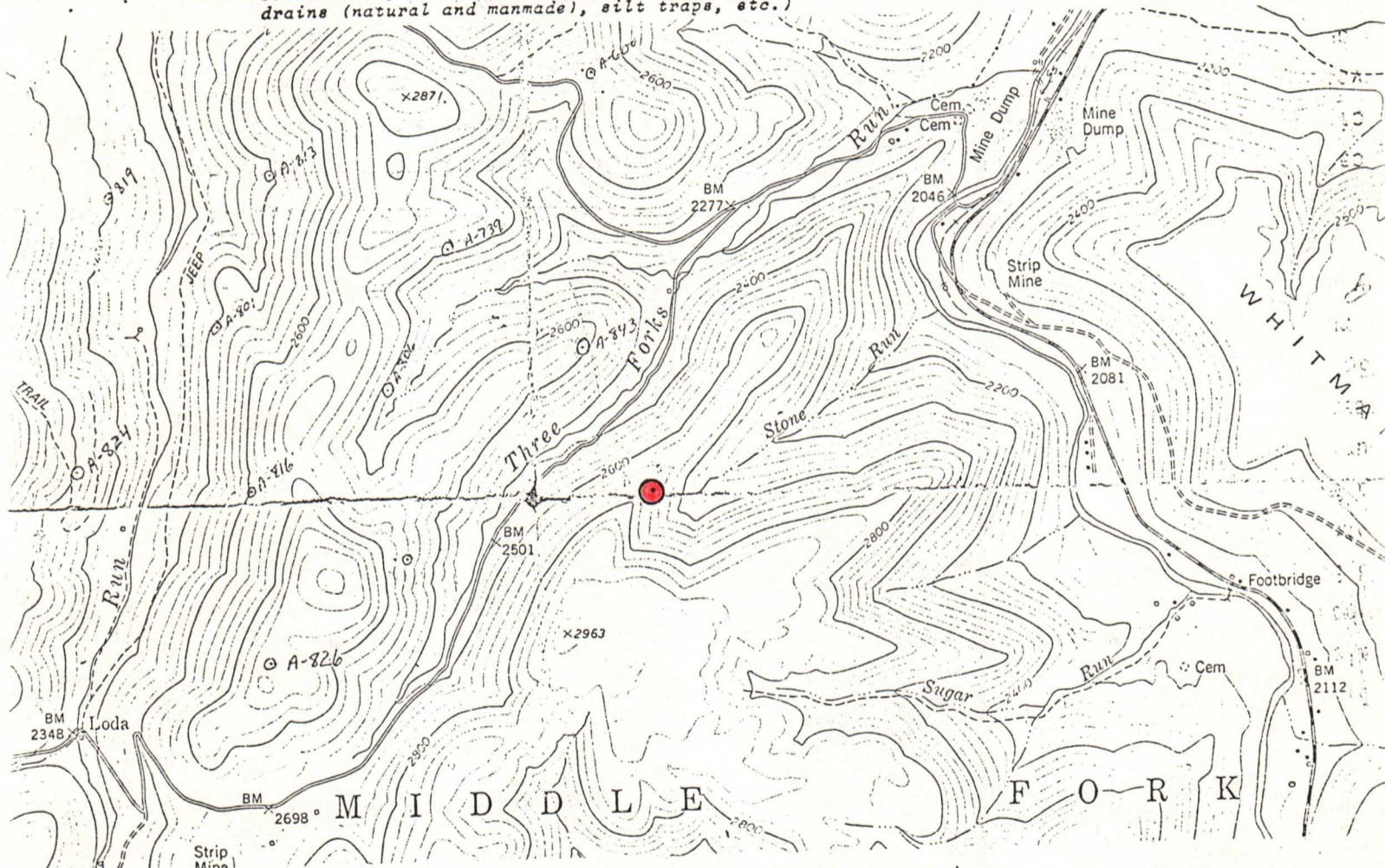
RECLAMATION PLAN

WELL OPERATOR Allegheny Land & Mineral Co DESIGNATED AGENT Allegheny Land & Mineral
Address P. O. Drawer 1740 Address P. O. Drawer 1740
Clarksburg, WV 26301 Clarksburg, WV 26301

The well operator hereby agrees to carry out the reclamation requirements of Code § 22-4-12b in the manner set out below.

This plan has / has not XX / been reviewed with the district oil and gas inspector.

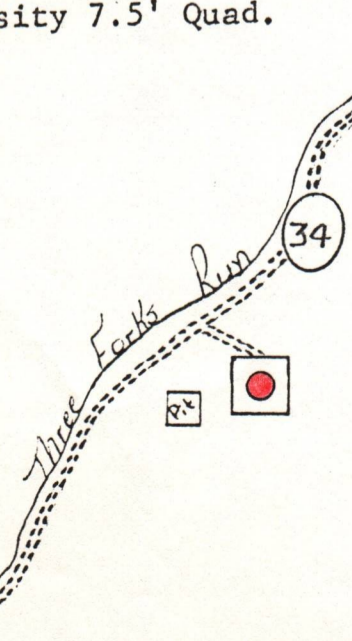
SKETCH: (Locate and show the (1) well location, (2) existing access road, (3) access road to be constructed, (4) well site, (5) drilling pit(s), and (6) necessary drainage features, including drains (natural and manmade), silt traps, etc.)



STATEMENT OF RECLAMATION PLAN (Complete on reverse side if necessary)

● Designates Location A-870
Cassity 7.5' Quad.

Location will be ditched to disperse water without causing erosion. Road will be culverted to prevent erosion and provide for proper drainage where needed. After well is completed, surface will be restored to its original contour or as near as possible to its original contour. Area will then be seeded and mulched down.



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MAY -1 1980

OIL & GAS DIVISION
DEPT. OF MINES

Burdette

03/22/2024

ALLEGHENY LAND & MINERAL COMPANY
Well Operator

By

Daniel L. Wheeler
Daniel L. Wheeler
Vice President

AMAX COAL COMPANY
A DIVISION OF AMAX INC.

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

May 9, 1980

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MAY 15 1980

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

OIL & GAS DIVISION
DEPT. OF MINES

Re: Permit Application - Allegheny Land & Mineral Co.
Operators Well #A-870
Middle Fork District
Randolph County, West Virginia

Dear Sirs:

The AMAX Coal Company has received notification that a permit has been issued 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. AMAX will be given at least 72 hours notice prior to plugging a dry hole or setting production string in a productive well. Please contact Mr. David Darko (317/266-2633) or Mr. James Faber (317/266-2797).
4. A complete drillers' log of the well from surface to total depth shall be sent to AMAX upon completion of the hole and a copy of such log shall be made available to any AMAX representative upon his arrival at the well site.

03/22/2024

MAY 1 1980

DEPT. OF MINES
OR & GAS DIVISION

The company has advised that it will be...
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Department of Mines
Page Two
May 9, 1980

5. Allegheny Land and Mineral Company will provide AMAX with a density and natural gamma log covering the interval from total depth to 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.

6. Copies of the completion report and plugging affidavit if applicable, shall be sent to AMAX Coal Company, Attention: James W. Faber.

Sincerely,



Robert J. Reynolds,
Senior Geologist

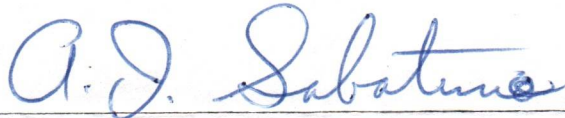
for James W. Faber, Manager
Development Geology

RJR/mdt

Enclosures

cc: Allegheny Land & Mineral Co.
David Darko

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



5/17/80

Representative of Allegheny Land & Mineral Co.

(Date)

A. J. Sabatino
Vice President
Oil & Gas Operations

03/22/2024

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Accident File

JWA

AUG 04 1980

ALLEGHENY LAND & MINERAL CO.

W. VA. OIL & GAS
CONSERVATION COMMISSION

Thomas E. Huzzey
Oil and Gas Division

FROM: Daniel L. Wheeler
Vice President

SUBJECT: REPORT OF ACCIDENT
JULY 24, 1980 INVOLVING
COMPANY EMPLOYEES

DATE: July 31, 1980

On July 24, 1980, at approximately 11:30 A.M., two Allegheny employees were in the process of moving our service rig No. 25 from Buckhannon, West Virginia to our Well No. A-870, API # 47-083-0338. Mr. Kenneth L. Radcliff, rig operator, SS# 234-80-0903, was driving the lead pick-up truck. Mr. Ronald Lee Rollins, rig helper, SS# 233-60-9139, was driving the service rig following Mr. Radcliff.

As the service rig proceed through Cassity, West Virginia, it became entangled in a guide wire supporting an electric pole. This wire extended over and across the roadway. (From information gathered after the accident, it appeared this wire had been hit prior to the rig going through and was sagging down toward the roadway). Mr. Rollins stopped the rig and attempted to clear the guide wire off of the unit. Mr. Radcliff stopped his vehicle and proceeded to help Mr. Rollins with the wire. Mr. Radcliff asked Mr. Rollins if the guide wire was hot and was told no. Both men then standing side by side holding the guide wire attempted to move it out of the road. At this point the wire apparently made contact with a 7200 volt power cable. Both men were knocked unconscious. Mr. Radcliff came to and realized what had happened and moved Mr. Rollins away from the wire and immediately began CPR treatment. Minutes later an unidentified individual from a coal company arrived at the accident scene and by two-way radio contacted the Randolph County Emergency Squad. CPR treatment was never stopped on Mr. Rollins until the Emergency Squad arrived and took charge of both employees.

The Randolph County Emergency Squad transported Mr. Rollins and Mr. Radcliff to the Memorial General Hospital in Elkins, West Virginia. The attending physician was Dr. F. A. Khan. Mr. Rollins was pronounced dead on arrival. Mr. Radcliff received burns of both hands and of the right foot. Mr. Radcliff was treated and admitted to the ICU Unit for overnight observation.

At the present time, Mr. Radcliff is home recovering from his burns. Mr. Rollins was buried July 27, 1980 at French Creek, West Virginia.

Daniel L. Wheeler

DLW:emac

03/22/2024

[08-78]

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

Well was fractured July 29, 1980 by Halliburton.

Perforations: 2201 - 2211' - 16 holes

4912 - 4918' - 8 "

4921 - 4927' - 8 "

Perforation log not on depth with Density Log.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Clay & Sand			0	2	
COAL *****			2	3	Coal *****
Shale			3	20	
COAL *****			20	24	Coal *****
Sand & Shale			24	707	Water - 1" Stream @ 40', 1/2" @ 95'
COAL *****			707	710	Coal *****
Sand & Shale			710	1300	Water - 1 1/2" Stream @ 1145'
Big Lime			1300	1462	
Injun Sand			1462	1524	
Sand & Shale			1524	2070	
4th Sand			2070	2092	
Sand & Shale			2092	2128	
5th Sand			2128	2148	
Sand & Shale			2148	2212	
Bayard Sand			2212	2226	
Sand & Shale			2226	2372	
Speechly Sand			2372	2400	
Sand & Shale			2400	3506	
Riley Sand			3506	3512	
Sand & Shale			3512	3682	
Benson Sand			3682	4922	
Elk Sand			4922	4942	
Shale			4942	5325	
		total depth		5325	(Driller)

(Attach separate sheets to complete as necessary)

Allegheeny 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 / S
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow /)
LOCATION: Elevation: 2727' Watershed: Three Forks 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 / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation
Other physical change in well (specify) _____

PERMIT ISSUED ON April 29, 19 80

OIL & GAS INSPECTOR FOR THIS WORK:
Name Robert S. Stewart
Address P. O. Box 345
Jane Lew, WV 26378

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

GEOLOGICAL TARGET FORMATION: Elk Sand Depth 4900 feet
Depth of completed well 5325 feet Rotary / Cable Tools _____
Water strata depth: Fresh, 45', 95', 1145' feet; salt, _____ feet.
Coal seam depths: 2-3', 20-24', 707-10' Is coal being mined in the area? _____
Work was commenced July 16, 1980, and completed July 22, 1980

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		30'	0	Kinds
Fresh water	8-5/8"			x				
Coal	8-5/8"			x		1121'	1121'	Cemented to surface
Intermediate								
Production	4 1/2"			x		5075'	5075'	1900' Depths set
Tubing								
Liners								Perforations: Top Bottom

OPEN FLOW DATA

Producing formation Bayard Sand Pay zone depth 2212-2226 feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Both Sands -- Final open flow, 1,750 Mcf/d Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, 700# psig (surface measurement) after 24 hours shut in
[If applicable due to multiple completion--]
Second producing formation Elk Sand Pay zone depth 4922-4942 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

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1979
03/22/2024
DIVISION OF MINES

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

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JUL 16 1980

INSPECTOR'S WELL REPORT DEPT. OF MINES

OIL & GAS DIVISION

Permit No. 083-0338

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 McMullen</u>	16			Kind of Packer
Well No. <u>A-870</u>	13			
District <u>MIDDLE FORK</u> County <u>RAWDOLPH</u>	10			Size of
Drilling commenced <u>7-14-80</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 DRILL RIG 8

Remarks:

Move RIG SPUD

7-14-80
DATE

Robert Steiner 511
03/22/2024
DISTRICT WELL INSPECTOR

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

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JUL 21 1980

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

Permit No. 083-0338

Oil or Gas Well GAS
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	Left in well	PACKERS
<u>ALLEGHENY LAND & MIN</u>	Size			
<u>CLARKSBURG</u>	16			Kind of Packer
<u>NEVA McMullen</u>	13			
<u>A-870</u>	10			Size of
<u>MIDDLE FORK</u> County <u>RANDOLPH</u>	<u>8 7/8</u>		<u>1120</u>	<u>260SK9</u>
<u>7-14-80</u>	6 3/4			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom

CASING CEMENTED 8 7/8 SIZE 1120 No. FT. 7-17-80 Date

NAME OF SERVICE COMPANY HALLIBURTON

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names UNION DR16 Rig 8

Remarks: Cement To SURFACE

7-17-80
DATE

Robert Ste... 511
03/22/2024
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 083-0338

Oil or Gas Well GAS
KIND

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	Casing and Tubing	Used in Drilling	Left in Well	Packers		
																				Size	Kind of Packer
<u>Allegheny Land & Min</u>	<u>CLARKSBURG</u>	<u>NEVA McMILLAN</u>	<u>A-870</u>	<u>MIDDLE FORK</u>	<u>RANDOLPH</u>	<u>7-14-80</u>															
																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: _____

O.K. To Release

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APR 27 1981

OIL & GAS DIVISION
DEPT. OF MINES

4-23-81

DATE

Robert Stewart

DISTRICT INSPECTOR

511

03/22/2024



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

May 7, 1981

Allegheny Land & Mineral Co.
P. O. Box 1740
Clarksburg, WV 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:

- 017-1890 - W. Brent Maxwell Farm - Well No. A-745 - Southwest District - Doddridge
- 017-2526 - Woodrow Ashcraft Farm - Well No. A-855 - McClellan District - Doddridge
- 083-0293 - Rebecca A. Arnold Farm - Well No. A-858 - Middle Fork District - Randolph
- 083-0338 - Neva McMullan Farm - Well No. A-870 - Middle Fork District - Randolph
- 083-0340 - Neva McMullan Farm - Well No. A-907 - Middle Fork District - Randolph
- 085-4855 - Nathaniel Hendricks Farm - Well No. A-876 - Murphy District - Ritchie
- 085-4856 - Raymond E. Jenkins Farm - Well No. A-877 - Murphy District - Ritchie

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

4202/2/30

A-870
FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0338
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA N/A Category Code
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5325 feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name P.O. Drawer 1740 Street Clarksburg, W State W.Va. 26301 City Zip Code Seller Code 000333
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	Field Name Maddock Fork District W.Va. County Randolph State 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 - 870
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Bayard Sand
6.0 (a) Name and code number of the well: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	DEPT. OF MINES OIL & GAS DIVISION AUG 2 1980
(c) Estimated annual production:	DEPT. OF MINES
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.274
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.274
9.0 Person responsible for this application:	(a) Base Price (S/MMBTU) (b) Tax (c) All Other Prices [Indicate (+) or (-).] (d) Total of (a), (b) and (c)
Agency Use Only Date Received by Juris. Agency Date Received by FERC	Agency Use Only Date Received by Juris. Agency Date Received by FERC
Name Daniel L. Wheeler Title Vice-Pres. Land Dept. Signature Daniel L. Wheeler Date Application is Completed 8-21-80 Phone Number 304-623-6671	

JAN 9 1981

ARTICIPANTS:

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
80-8-22 - 103-083 = 0338
 Use Above File Number on all Communications
 Relating to Determination of this Well

Computer OK.

Check 0293 or 083-0293-2000'

Qualifies J. G. Huzar

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. _____
- 2. IV-1 Agent Allegheny Land + Mineral Co.
- 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: 7-16-86 Date completed 7-22-80 Deepened _____
- (5) Production Depth: 2212-26, 4922-42
- (5) Production Formation: Bayard Sand Elk sand
- (5) Final Open Flow: 1750 MCF
- (5) After Frac. R. P. 700# 24 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? yes
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

03/22/2024

T.S.

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

Date 8/21 19 80
Operator's Well No. A-870
API Well No. 47 - 083 - 0338
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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

WELL OPERATOR Allegheny Land & Mineral Co.
ADDRESS P.O. Drawer 1740
Clarksburg, W.Va. 26301
GAS PURCHASER Columbia Gas Transmission Corp.
ADDRESS 1700 MacCorkle Ave. S.E.
Charleston, W.Va. 25314

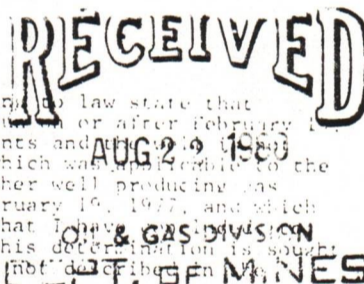
LOCATION: Elevation 2727'
Watershed Three Forks Run
Dist Middle Fork County Randolph Quad Casaty 7.5
Gas Purchase Contract No. N/A
Meter Chart Code N/A
Date of Contract N/A

Date surface drilling was begun: 7-16-80

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

Rock Pressure was 700 # 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 1977; the well satisfies applicable state or federal well spacing requirements and is located within a proration unit, in existence at the time surface drilling began, which was capable 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 no information, 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 that would make the application which is inconsistent with this conclusion.

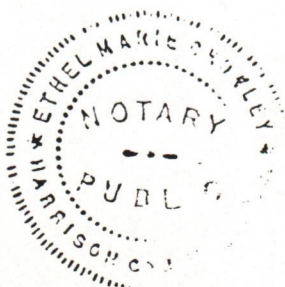
James B. Gehr
President
Allegheny Land & Mineral Co.

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 21st day of August, 19 80, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 21st day of August, 19 80. My term of office expires on the 20th day of December, 19 89.

[NOTARIAL SEAL]

Ethel Marie Crowley
Notary Public
Ethel Marie Crowley



03/22/2024