



- Fracture.....
- Redrill.....
- New Location.
- Drill Deeper.....
- Abandonment.....

Source of Elevation WOOD FOREST, SLV. 074' USGS

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

Company	ALLEGHENY LAND & MINERAL CO.	
Address	CLARKSBURG, W.VA. 26301	
Farm	A.N.FORD	
Tract	Acres 78	Lease No.
Well (Farm) No.	Serial No. A-460	
Elevation (Spirit Level)	1135'	
Quadrangle	CENTERPOINT <del>SWR 2-4</del> SE	
County	DODDRIDGE	District GRANT
Engineer	<i>R. J. McMillan</i>	
Engineer's Registration No.	105 L.I.S.	
File No.	221/98	Drawing No.
Date	10-7-72	Scale 1" = 500'

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

WELL LOCATION MAP  
FILE NO. Wood-1701

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

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OIL & GAS DIVISION  
DEPT. OF MINES

\*\*\* under grant or lease dated July 1st., 1915, made by A. N. Ford and K. P. Ford, his wife, unto Ernest Randolph subsequently unto Consolidated Gas Supply Corporation, and of record in the office of the Clerk of the County Court of Doddridge County, West Virginia, in Deed Book 31 at Page 183, and which said lease was assigned unto Allegheny Land and Mineral Company by Consolidated Gas Supply Corporation, pursuant to an agreement dated September 12th., 1972



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL & GAS DIVISION  
OIL AND GAS WELLS DIVISION DEPT. OF MINES

- Spudder
- Cable Tools
- Storage

Quadrangle Centerpoint

Permit No. D0d-1701

WELL RECORD

Oil or Gas Well Gas (KIND)

Company Allegheny Land & Mineral Co.  
Address Clarksburg, W.Va.  
Farm A.M. Ford Acres 78  
Location (waters) Big Flint Run  
Well No. A-460 Elev. 1135  
District Grant County Doddridge  
The surface of tract is owned in fee by Pauline G. Pratt  
Route 2 Address Salem, W.Va.  
Mineral rights are owned by Nora A. Taylor  
1101 Alexander Place Address Fairmont, W.Va.  
Drilling commenced Nov. 27, 1972  
Drilling completed Dec. 2, 1972  
Date Shot From To

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16 1 1/2"	21'	21'	Kind of Packer
13			
10			Size of
8 1/4"	747'	747'	Depth set
6 5/8"			
5 3/16"			
4 1/2"	2187'	2187'	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 249M Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) Fractured Dec. 29, 1972 By Halliburton

Attach copy of cementing record.  
CASING CEMENTED 1 1/2" SIZE 487' No. Ft. 12-3-72 Date  
Amount of cement used (bags) 120  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 35/10 Water 2" 219 Me.f.  
ROCK PRESSURE AFTER TREATMENT 370# HOURS 15 hours  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Injun Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil & sand		-	0	40			
Sandy slate		-	40	250			
Red Rock		-	250	265			
Sandy slate		-	265	480			
Slate & shells		-	480	1340			
Sand		-	1340	1396			
Slate & shell		-	1396	1644			
Sand		-	1644	1704			
Slate & shell		-	1704	1964			
Big Lime		-	1964	2026			
Injun sand		-	2026	2112			
Squaw sand		-	2112	2154			
Slate		-	2154	2206			
Patel depth		-		2206			

4 1/2" casing perforated:  
2075 - 2086 -- 14 holes



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 9th, 1972

Surface Owner Pauline G. Pratt, Route 2,  
Address Salem, W. Va. 26426

Company Allegheny Land and Mineral Co.  
Address Clarksburg, W. Va. 26301

Mineral Owner Nora A. Taylor, 1104 Alexander  
Address Place, Fairmont, West Virginia 26554

Farm A. N. Ford Acres 78  
Location (waters) Big Flint Run

Coal Owner Flint Creek Coal Company  
Address 320 West Main Street,  
Uniontown, Pennsylvania 15401

Well No. A-460 Elevation 1135'  
District Grant County Doddridge

Coal Operator \_\_\_\_\_  
Address none

Quadrangle Centerpoint SW

INSPECTOR TO BE NOTIFIED  
Mr. Wm. Blosser  
Box 1857 PH: Fairmont  
Calfax, W. Va. 363-9105  
26564

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 2-20-73.

Robert H. Todd  
Deputy Director - Oil & Gas Division

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 See attached sheet by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

XX NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Allegheny Land and Mineral Co.  
(Sign Name) \_\_\_\_\_ By: Wm. P. Pennington  
Well Operator's Secretary

Address  
of  
Well Operator

P. O. Box 1479  
Street  
Clarksburg,  
City or Town  
West Virginia - 26301  
State

\*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

Dodd-1701 PERMIT NUMBER

**THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Allegheny Land and Mineral Company  
 ADDRESS \_\_\_\_\_ ADDRESS Clarksburg, W. Va. 26301  
 TELEPHONE \_\_\_\_\_ TELEPHONE 624-7659  
 ESTIMATED DEPTH OF COMPLETED WELL: 2370' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX 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	780'	780'	cement to surface
7			
5 1/2			
4 1/2	2370'	2370'	100 bags of cement
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 490' FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 260' 450' 710' \_\_\_\_\_  
 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.

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