



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

Source of Elevation WELL NO 2 - ELEV. 995' - O.C.A. - 219'

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 400

Company	ALLEGHENY LAND & MINERAL CO.	
Address	CLARKSBURG, W.VA. 26301	
Farm	C.C. GRAY	
Tract	133°	Acres 318.28 Lease No.
Well (Farm) No.		Serial No. A-424
Elevation (Spirit Level)	995'	
Quadrangle	HOLBROOK NE12 NC	
County	DODDRIDGE District SOUTHWEST	
Engineer	R. S. McWilliams	
Engineer's Registration No.	105 L.L.S.	
File No.	216/194	Drawing No.
Date	12-10-70	Scale 1" = 500'

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

WELL LOCATION MAP  
FILE NO. DOD-1612

+ 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.

39-15  
2-44



RECEIVED  
MAY 10 1971

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION 3

OIL & GAS DIVISION  
DEPT. OF MINES

Cable Tools   
Storage  In Tank

Quadrangle Holbrook

Permit No. Dod-1612

WELL RECORD

Oil or Gas Well  Gas

Company Allegheny Land & Mineral Co.  
Address Clarksburg, W.Va.  
Farm C.C. Gray Acres 318  
Location (waters) \_\_\_\_\_  
Well No. A-424 Elev. 995  
District Southwest County Doddridge  
The surface of tract is owned in fee by C.C. Gray  
Address Oxford, W.Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_

Drilling commenced April 7, 1971  
Drilling completed April 20, 1971  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil Show only \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) \_\_\_\_\_

WELL FRACTURED (DETAILS) April 27, 1971 By Halliburton

RESULT AFTER TREATMENT (Initial open flow or bbls.) 140/10 Water 2" 199 MCF 499,000

ROCK PRESSURE AFTER TREATMENT 575# HOURS 19 hrs.

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Producing Sand Inj:in \_\_\_\_\_ Depth \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Remarks
Size			
16. Cemented to surface			Kind of Pack
13. 20'		20'	
10. Cemented to surface			Size of
8 3/4" 355'		355'	
6 3/4" _____			Depth set
5 3/16" _____			
4 1/2" 2087'		2087'	
3. _____			Perf. top
2. _____			Perf. bottom
Liners Used _____			Perf. top
			Perf. bottom

Attach copy of cementing record.  
CASING CEMENTED 4 1/2" SIZE 276 No. 4-21-71  
Amount of cement used (bags) 100  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	6			
Shale			6	20			
Red Rock			20	46	Water	30	Show
Sand			46	55			
Shale			55	60	Water	60	Show
Sand			60	70			
Red Rock			70	78			
Shale			78	85			
Red Rock			85	93			
Shale			93	115	1987	1990	4 shots
Sand			115	140	1992	1994	3 "
Red Rock			140	150	1999	2001	3 "
Shale			150	170	2009	2010	2 "
Sand			170	180			
Red Rock			180	207			
Sand			207	215			
Shale			215	230			
Sand			230	255			
Shale			255	263			
Sand			263	353			
Shale			353	384			
Sand			384	390			
Red Rock			390	420			
Shale			420	428			
Red Rock			428	446			
Sand			446	452			
Red Rock			452	465			
Sand			465	500			
Shale			500	505			

(over)

MAY 17 1971

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			505	515			
Shale			515	530			
Sand			530	535			
Red Rock			535	542			
Shale			542	587			
Sand			587	608			
Shale			608	647			
Sand			647	655			
Red Rock			655	668			
Shale			668	710			
Red Rock			710	723			
Shale			723	731			
Red Rock			731	760			
Shale			760	770			
Red Rock			770	795			
Sand			795	895			
Shale			895	970			
Sand			970	1047			
Shale			1047	1055			
Sand			1055	1148			
Shale			1148	1158			
Sand			1158	1200			
Shale			1200	1209			
Sand			1209	1301			
Shale			1301	1322			
Sand			1322	1355			
Shale			1355	1366			
Sand			1366	1384			
Shale			1384	1387			
Sand			1387	1450			
Shale			1450	1475			
Sand			1475	1480			
Shale			1480	1506			
Sand			1506	1512			
Shale			1512	1525			
Sand			1525	1535			
Shale			1535	1546			
Sand			1546	1684			
Shale			1684	1690			
Sand			1690	1700			
Shale			1700	1727			
Sand			1727	1747			
Shale			1747	1820			
Sand			1820	1857			
Line			1857	1862			
Shale			1862	1885			
Line			1885	1960	Oil	1890	Show
Sand			1960	1990			
Shale			1990	2086			
Total depth				2086	BI		

Date April 22, 1971

APPROVED Allegheny Land & Mineral Co. Owner

By Claron Dawson, Supt.  
(Title)