

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

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.		
Farm	VALENTINE BALLOUZ et al.		
Tract	Acres	Lease No.	
	116.94	456	
Well (Farm) No.	1	Serial No.	A-249
Elevation (Spirit Level)	1063'		
Quadrangle	CENTERPOINT <del>SE 1' C</del>		
County	DODDRIDGE District M'CLELLAN		
Engineer	<i>James Duffin</i>		
Engineer's Registration No.	1084		
File No.	207/80	Drawing No.	
Date	2-8-69	Scale	1" = 500'

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

**WELL LOCATION MAP**  
FILE NO. DOD-1116

+ 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.

RDME



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 4

Quadrangle Centerpoint

WELL RECORD

Permit No. D0d-1116

Oil or Gas Well Gas

Company Allegheny Land & Mineral Company  
Address Clarksburg, W.Va.  
Farm Valentina Ballouz Acres 116.94  
Location (waters) \_\_\_\_\_  
Well No. A-249 Elev. 1063  
District McClellan County Doddridge  
The surface of tract is owned in fee by Jess Hyde  
Address Enterprise, W.Va.  
Mineral rights are owned by Alec Ballouz Heirs  
Address Salem, W.Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	32'	32'	Kind of Packer _____
13			
10	216'		Size of _____
8 3/4"	1084'		
6 5/8"			Depth set _____
5 3/8"	2144'	2144'	
3			Perf. top <u>2050</u>
2			Perf. bottom <u>2060</u>
Liners Used			Perf. top <u>2109</u>
			Perf. bottom <u>2111</u>

Drilling commenced April 25, 1964  
Drilling completed May 26, 1964  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow 9 /10ths Water in 1 Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume 31,000 Cu. Ft.

Rock Pressure 310# None taken hrs. 12

Oil None bbis., 1st 24 hrs.

WELL ACIDIZED \_\_\_\_\_

CASING CEMENTED 4 1/2" SIZE 400 No. Ft. 5-26-64 Date  
100 Cement 200# Bentonite 50# Lime

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

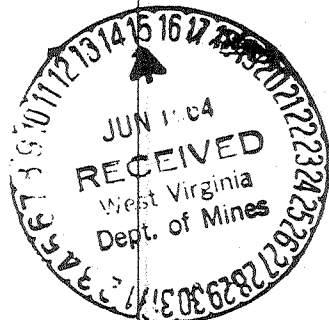
WELL FRACTURED June 4, 1964 By Dowell Water, sand, acid.

RESULT AFTER TREATMENT 60/10 Merc. 2" 1,205 M

ROCK PRESSURE AFTER TREATMENT 550 # - 12 hr.

Fresh Water 1 bailer per hr Feet 103 Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
lay			0	12			
ed Rock			12	22			
ellow sand			22	40			
ed Rock			40	45			
and			45	65			
ed Rock			65	90			
late & shells			90	105	Fresh water	103	1 Bailer per hour
ed Rock			105	115			
late & shells			115	145			
lack slate			145	150			
late & shells			150	160			
ime			160	180			
and			180	215			
ime			215	235			
ed Rock			235	260			
late & shells			260	295			
ime		Hard	295	325			
ed Rock			325	335			
and			335	385			
late & shells			385	400			
ime		Hard	400	445			
ed Rock			445	458			
late			458	465			
and		Hard	465	475			
ime		"	475	522			
late & lime			522	550			
ime			550	570			
late & shells			570	680			
and			680	730			
late & shells			730	745			



Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			745	750			
Slate & shells			750	775			
Red Rock			775	785			
Lime & shells			785	800			
Lime		Hard	800	823			
Red Rock			823	835			
Lime	Dark	Hard	835	850			
Slate & shells			850	870			
Red Rock			870	898			
Slate & shells			898	975			
Red Rock			975	1020			
Slate			1020	1085			
Critty Lime			1085	1105			
Slate & shells			1105	1160			
Slate	Black		1160	1184			
Sand		Hard	1184	1206			
Slate			1206	1218			
Lime			1218	1310			
Sand		Hard	1310	1315			
Sand			1315	1397			
Broken Lime			1397	1420			
Slate	Black		1420	1430			
Slate & shells			1430	1495			
Lime		Hard	1495	1505			
Sand			1505	1520			
Slate & shells			1520	1540			
Sand			1540	1600			
Slate	Black		1600	1624			
Sand			1624	1635			
Slate & shells			1635	1678			
Sand			1678	1770			
Slate			1770	1780			
Red Rock			1780	1785			
Slate & shells			1785	1795			
Red Rock			1795	1805			
Slate & shells			1805	1830			
Sand			1830	1848			
Slate & shells			1848	1855			
Red Rock			1855	1907			
Slate			1907	1910			
Little Lime			1910	1924			
Pencil Cave			1924	1945			
Big Lime			1945	2000			
Keener			2000	2016			
Lime			2016	2035			
Injun			2035	2075	Gas	2048-2065	2/10 W 1"
Squaw			2075	2117	Gas	2108-2111	9/10 Water
Slate			2117	2129			1" 31 M
Sand			2129	2144			
Total depth				2144			
4 1/2" casing perforated:				2050 to 2060	--	20	shots
				2109 to 2111	--	4	"

Date June 11, 1964

APPROVED Allegheny Land & Mineral Co., Owner

By Claron W. Dawson, Mahone, W. Va.  
(Title)