

Company ALLEGHENY LAND & MINERAL CO.  
 Address CLARKSBURG, W.VA.  
 Farm F.S. SWIGER HRS.  
 Tract \_\_\_\_\_ Acres 149 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. A-197  
 Elevation (Spirit Level) 1200' VA.  
 Quadrangle CENTERPOINT CNE 33-1  
 County DODDRIDGE District M'CLELLAN  
 Engineer Jama D. Jeffin  
 Engineer's Registration No. 1084  
 File No. 205/80 Drawing No. \_\_\_\_\_  
 Date 9-1-62 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. Doc-864

+ 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.

R.D.M.C.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 8

Quadrangle Centerpoint

Permit No. Dod-864

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Allegheny Land & Mineral Company  
Address Clarksburg, W.Va.  
Farm F.S. Swiger Heirs Acres 149  
Location (waters) \_\_\_\_\_  
Well No. A-197 Elev. 1200  
District McClellan County Doddridge  
The surface of tract is owned in fee by F.S. Swiger Heirs  
Address Center Point, W.Va  
Mineral rights are owned by Same  
Address \_\_\_\_\_

Drilling commenced September 20, 1962  
Drilling completed October 20, 1962  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow 10/10ths Water in \_\_\_\_\_ 1 Inch  
\_\_\_\_\_/10ths Merc. in \_\_\_\_\_ Inch  
Volume 33,000 Cu. Ft.  
Rock Pressure 340 lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

WELL FRACTURED October 30, 1962 By Dowell- Water, sand, acid

RESULT AFTER TREATMENT 5# 2" Spring gauge 1,579 M

ROCK PRESSURE AFTER TREATMENT 700# 14 hr.

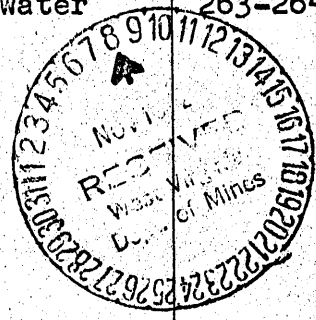
Fresh Water 1 bailer per hr Feet 263-264 Salt Water 3 bailers per hr Feet 1515

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	20'	20'	
13			
10	450'		Size of
8 3/4"	1282'		
6 3/4"			Depth set
5 3/16"	2217'	2217'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2" SIZE 317 No. Ft. 10-22-62 Date  
100 cement, 20 bapoid 2 aquajel

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
Clay			0	70	4 1/2" casing perforated:		
Red Rock			70	100	2113 to 2121	-- 16 holes	
Sand			100	123	2175 to 2176 1/2	-- 4 "	
Red Rock			123	180	2190 to 2191 1/2	-- 4 "	
Slate			180	250			
Red Rock			250	260	Fresh Water	263-264	1 bailer per hour
Slate			260	283			
Red Rock			283	300			
Slate			300	315			
Red Rock			315	330			
Slate			330	375			
Sand			375	450			
Slate & shells			450	560			
Lime			560	600			
Slate & shells		Soft	600	725			
Black slate			725	755			
Sand			755	800			
Slate & shells			800	830			
Sand			830	865	Gas	850	Show
Slate & shells			865	918			
Red Rock			918	985			
Slate			985	1055			
Lime			1055	1075			
Slate & shells			1075	1142			
Sand			1142	1165	Gas	1160	Show
Black slate			1165	1223			
Slate & shells			1223	1233			
Limy sand			1233	1270			
Slate & shells			1270	1320			
Sand			1320	1345			



Formation	Color	Hard or Soft	Top <i>f</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & shells			1345	1357			
Sand			1357	1377			
Slate & shells			1377	1400			
Sand			1400	1440			
Slate & shells			1440	1475			
Sand			1475	1530	Salt water	1515	3 bailers per hour
Slate & shells			1530	1560			
Sand			1560	1608			
Slate & shells			1608	1640			
Sand			1640	1675			
Slate			1675	1750			
Sand			1750	1770			
Black lime			1770	1785			
Sand			1785	1825			
Black slate			1825	1907			
Limy sand			1907	1962			
Red Rock			1962	1968			
Slate			1968	1985			
Lime			1985	1998			
Slate & shells			1998	2025			
Big Lime			2025	2098			
Keener			2098	2109			
Injun			2109	2180	Gas	2111-2124	
Slate			2180	2217	Gas	2175	10/10 W 1" 33 M
Total depth				2217			

Date November 7, 1962, 19

APPROVED Allegheny Iron & Mineral Co., Owner

By Clayton Brown, Vice President  
(Title)