



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle _____

Permit No. Mon-284

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm L.S. Brock Acres 31.79

Location (waters) _____
Well No. A-290 Elev. 1150.94

District Cass County Monongalia

The surface of tract is owned in fee by Frank Yost
Address Mannington, W.Va.

Mineral rights are owned by L.S. Brock Heirs
Address Fairmont, W.Va.

Drilling commenced June 26, 1965

Drilling completed September 12, 1965

Date Shot _____ From _____ To _____

With _____

Open Flow 6 /10ths Water in 1 Inch

_____ /10ths Merc. in _____ Inch

Volume 25,800 Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil Show only bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED Sept. 25, 1965 -- By Halliburton

RESULT AFTER TREATMENT 5# Spring gauge 2" -- 1569 M

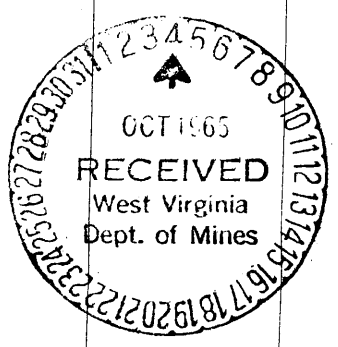
ROCK PRESSURE AFTER TREATMENT 850# 18 hr.

Fresh Water Hole full Feet 860 Salt Water 5 bailers per hr Feet 1290

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	14'	14'	
13	147'	147'	
10	449'	449'	Size of
8 1/4	1444'	None	
6 5/8			Depth set
5 3/16	2872'	2872'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2" SIZE 400 No. Ft. 9-16-65 Date
70 bags cement
COAL WAS ENCOUNTERED AT Swickley 232 to 239 INCHES
Pittsburgh 317 to 323 INCHES
FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	20			
late			20	50			
lime			50	60			
late			60	75			
and			75	116			
late shells			110	124			
lime			124	140			
broken lime			140	155			
lime			155	165			
and			165	181			
lime			181	215			
and			215	225			
late			225	232			
coal -Swickley-			232	239			
late			239	265			
lime			265	317			
Pittsburgh Coal-			317	323			
late			323	336			
lime			336	395			
late			395	415			
critty Lime			415	425			
and			425	460			
late			460	475			
lime			475	495			
late			495	500			
lime			500	525			
late & lime			525	580			
ed Rock			580	585			
late & lime			585	648			
ed Rock			648	658			



Formation	Color	Hard or Soft	Top δ	Bottom	Oil, Gas or Water	Depth Found	Remarks	
Slate & Lime		Hard	658	735				
Lime			735	770				
Little Dunkard			770	780				
Slate & Lime			780	835				
Lime			835	843				
Sand			843	868		Fresh water	860	Hole full
Slate & Lime			868	880				
Sand			880	1025				
Lime			1025	1039				
Sand			1039	1100		Gas	1050-56	73 M
Lime			1100	1110				
Shale			1110	1135				
Sand			1135	1238				
Lime			1238	1270		Salt		
Sand			1270	1390		Salt water	1290	5 bailer per hour
Lime			1390	1395				
Slate			1395	1450				
Red Rock			1450	1510				
Little Lime			1510	1550				
Slate			1550	1565				
Big Lime			1565	1662				
Gritty lime			1662	1685				
Big Injun - 371			1685	1815		Gas & Oil	1777-1780	Show oil
Slate			1815	1852				2/10 W 1"
Slate & Lime			1852	1882				14 M
Sand			1882	1920				
Slate & Lime			1920	1960				
Sand			1960	1980				
Slate & Lime			1980	2212				
Gritty lime			2212	2220				
Sand			2220	2330				
Slate & Lime			2330	2370				
Red Rock			2370	2390				
Slate & Lime			2390	2404				
Sand			2404	2417				
Slate & Lime			2417	2435				
Red Rock		2435	2515					
Lime & Slate		2515	2609					
Gritty lime		2609	2765					
Sand		2765	2805		Gas	2782-2789	6/10 W 1"	
Slate & Lime		2805	3130				25.83 M	
Gritty Lime		3130	3390					
Slate & Lime		3390	3400					
Lime		3400	3450					
Slate & Lime		3450	3510					
Lime		3510	3540					
Sand Slate		3540	3564					
Sand Slate Sand		3564	3585					
Sand Slate & shells		3585	3645					
Sand		3645	3665					
Slate & shells		3665	3839					
Total depth			3839					
Filled back to	-	-	-	2950				
1 1/2" casing perforated:			2773 to 2775		- 4 shots			
			2789 to 2792		- 6 "			

Date October 1, 1965

APPROVED Allegheny Land & Mineral Co., Owner

By Claron Dawson, Supt.
(Title)