



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

Source of Elevation AB'D. WELL DOD-1095-A ELV. 1194'

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 <u>ALLEGHENY LAND & MINERAL CO.</u>	
Address <u>CLARKSBURG, W.VA.</u>	
Farm <u>J. JOHNSON</u>	
Tract _____	Acres <u>51</u> Lease No. _____
Well (Farm) No. _____	Serial No. <u>A-293</u>
Elevation (Spirit Level) <u>1288'</u>	
Quadrangle <u>CENTERPOINT-C 1'</u>	
County <u>DODDRIDGE</u>	District <u>M'CLELLAN</u>
Engineer <u>JAMES JEFFRIES</u>	
Engineer's Registration No. <u>1084</u>	
File No. <u>210/81</u>	Drawing No. _____
Date <u>8-15-65</u>	Scale <u>1" = 500'</u>

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

WELL LOCATION MAP
FILE NO. Dod-1297

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

Rotary 12
Spudder
Cable Tools
Storage

Quadrangle _____

Permit No. Dod-1297

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm J. Johnson Acres 51
Location (waters) _____
Well No. A-293 Elev. 1288
District McClellan County Doddridge
The surface of tract is owned in fee by J. Johnson Hrs
Address Clarksburg, W.Va
Mineral rights are owned by Same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	20'	20'	
13	178'		
10	958'	958'	Size of
8 1/4	1536'		
6 5/8			Depth set
5 3/16 4 1/2"	2365'	2365'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced October 11, 1965
Drilling completed November 22, 1965
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Show gas Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

CASING CEMENTED 4 1/2" SIZE 338 No. Ft. 11-23-65 date
70 bags cement 200# Bentonite
COAL WAS ENCOUNTERED AT 641 to 644 INCHES
914 to 925 INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED Nov. 30, 1965 - By Dowell

RESULT AFTER TREATMENT 12/10 Merc. 2" 539 MCF
ROCK PRESSURE AFTER TREATMENT 530# 10 Hours
Fresh Water 7 bailers per met at 145 Feet
Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	20			
Sand			20	35			
Slate			35	60			
Red Rock			60	100			
Slate			100	140			
Sand			140	150	Fresh water	145	7 bailers per hour
Slate			150	175			
Red Rock			175	190			
Slate & shells			190	250			
Red Rock			250	270			
Slate & shells			270	310			
Red Rock			310	355			
Slate & shells			355	480			
Red Rock			480	505			
Slate & shells			505	568			
Red Rock			568	583			
Slate & shells			583	595			
Sand			595	620			
Slate & shells			620	641			
Coal			641	644			
Slate & shells			644	650			
Sand			650	657			
Slate & shells			657	660			
Lime		Hard	660	685			
Slate & shell			685	700			
Red Rock			700	715			
Slate			715	722			
Lime		Hard	722	766			
Slate & shell			766	875			
Sand			875	898			

Formation	Color	Hard or Soft	Top γ	Bottom	Oil, Gas or Water	Depth Found	Remarks
late			898	914			
late Coal			914	925			
late shells			925	958			
and			958	979			
late & shells			979	1020			
ed Rock			1020	1025			
late & shells			1025	1083			
ed Rock			1083	1088			
late & shell			1088	1120			
ed Rock			1120	1165			
late & shell			1165	1242			
ed Rock			1242	1254			
late & shell			1254	1332			
and			1332	1353			
late	black		1353	1460			
and			1460	1471			
late & shell			1471	1485			
and			1485	1500			
late & shell			1500	1535			
and			1535	1555			
late & shell			1555	1580			
and			1580	1665			
late & shell			1665	1802			
and			1802	1850			
Lime			1850	1870			
Slate			1870	1965			
Maxon			1965	1982			
Slate	black		1982	1997			
Lime			1997	2003			
Sand			2003	2045			
Slate	black		2045	2052			
Lime			2052	2065			
Slate	black		2065	2075			
Sandy shells			2075	2132			
Red Rock			2132	2138			
Slate & shell			2138	2155			
Lime			2155	2181			
Big Lime			2181	2240			
Keener sand			2240	2262			
injun sand			2262	2302	Gas	2275	Show
Squaw sand			2302	2323			
Squaw shells			2323	2365			
Total depth				2365 2377			
4 1/2" casing perforated:							
					2280 to 2281	-- 3	holes
					2289 to 2291	-- 6	"
					2300 to 2301	-- 3	"

Date November 24, 1965

APPROVED Allegheny Land & Mineral Co., Owner

By Claron Dawson, Supt.
(Title)