

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

REVISED LOC. A-145

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W.VA.
 Farm VIRGIL L. HIGHLAND HRS.
 Tract _____ Acres 432 Lease No. _____
 Well (Farm) No. _____ Serial No. A-145
 Elevation (Spirit Level) 967' VA.
 Quadrangle CENTERPOINT SW 2¹/₂-C
 County DODDRIDGE District MCCLELLAN
 Engineer James D. Jeffries
 Engineer's Registration No. 1084
 File No. 202/16 Drawing No. _____
 Date 8-5-61 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. DOD-567-REVISED

+ 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.S



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Quadrangle Centerpoint

Permit No. Dod-567-Rev.

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm Virgil L. Highland Acres 432
Location (waters) _____
Well No. A-145 Elev. 955
District McClellan County Doddridge
The surface of tract is owned in fee by Highland Heirs
Address Clarksburg, W.Va
Mineral rights are owned by Same
Address _____

Drilling commenced August 28, 1961
Drilling completed September 27, 1961
Date Shot _____ From _____ To _____
With _____

Open Flow /10ths Water in Show gas Inch
_____ /10ths Merc. in _____ Inch
Volume Show only Cu. Ft.
Rock Pressure None taken lbs. hrs.
Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED Oct. 5, 1961 -- By Dowell Water, sand, acid.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	20'	20'	Kind of Packer
13			
10	220'		Size of
8 1/4	1002'		
6 5/8	1545'		Depth set
5 3/16"	2078'	2078'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

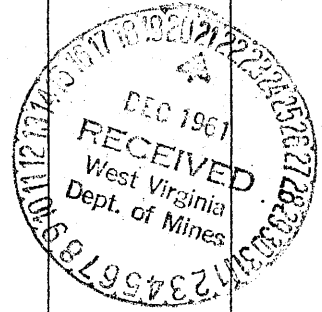
CASING CEMENTED 4 1/2" SIZE No. Ft. 9-29-61 Date
25 Cement, 15 Baroid, 5 Aquagel, 2 Lime
100 gal Cement DOWELL
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 58/10 Water 2" OP 321 M

ROCK PRESSURE AFTER TREATMENT Not taken to date

Fresh Water 4 bailer per hr Feet 30 Salt Water Hole full Feet 1500-1530

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red rock and clay			0	20			
Slate & shells			20	100	Water	30	4 bailers per hour fresh
Red Rock			100	140			
Slate & shells			140	190			
Red Rock			190	210			
Slate & shells			210	250			
Sand			250	310			
Slate & shells			310	350			
Red Rock			350	365			
Slate & shells			365	575			
Slate	Black		575	585			
Slate			585	590			
Sand			590	645			
Slate & shells			645	700			
Sand			700	740			
Slate			740	780			
Red Rock			780	825			
Slate & shells			825	885			
Red Rock			885	905			
Slate & shells			905	950			
Pink Rock			950	970			
Slate & shells			970	1025			
Red Rock			1025	1035			
Slate & shells			1035	1155			
Sand			1155	1190			
Slate & shells			1190	1235			
Sand			1235	1305			
Slate			1305	1315			
Sand			1315	1340			
Slate & shells	Black		1340	1400			



Formation	Color	Hard or Soft	Top ⁵	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand & slate			1400	1490			
Sand			1490	1530	Water	1500-1530	Hole Full
Slate			1530	1560			
Sand			1560	1640			
Slate & shells			1640	1670			
Sand			1670	1725			
Slate			1725	1730			
Sand			1730	1785			
Slate			1785	1790			
Lime			1790	1795			
Slate & shells			1795	1825			
Red Rock			1825	1840			
Slate			1840	1850			
Little Lime			1850	1875			
Slate			1875	1880			
Big Lime			1880	1948			
injun ⁵			1948	2044	Gas	1988-1992	Show
Slate & shells			2044	2078	Gas	2034-2038	Show
Total depth				2078			
			4 1/2" casing perforated 2 holes at 2038				
			2 " at 2027				
			2 " at 1933				

Date December 23, 19 61

APPROVED Allegheny Land & Mineral Co., Owner

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