

Latitude 39° 25'

Longitude 80° 35'

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

Surface and all coal above the bed of East Run is owned by Ruby Rush Hollandsworth, of 256 Parkway Drive, Clarksburg, W. Va. Coal below the bed of East Run is owned by the Flint Creek Fuel Co., 45 Shady Lane, Uniontown, Pa.

Company ALLEGHENY LAND AND MINERAL CO.
 Address 318 Professional Bldg., Clarksburg, W. Va.
 Farm Michael Rush
 Tract _____ Acres 66 1/2 Lease No. ~~A-113~~
 Well (Farm) No. One Serial No. A-113
 Elevation (Spirit Level) 1074
 Quadrangle Centerpoint C
 County Oddridge District Grant
 Engineer W. H. H. J.
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date November 12, 1960 Scale 1" = 20p.

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

WELL LOCATION MAP
 FILE NO. DOD - 503

+ 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 2

Quadrangle CENTERPOINT

Permit No. Dod.-503

WELL RECORD

Oil or Gas Well Gas
(KIND)

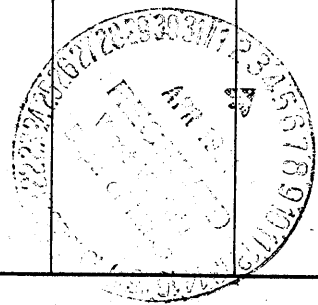
Company Allegheny Land & Mineral Company
 Address Clarksburg, W.Va.
 Farm Michael Rush Acres 66 1/2
 Location (waters) _____
 Well No. A-113 Elev. 1074
 District Grant County Dodderidge
 The surface of tract is owned in fee by Ruby Hollandsworth
 Address Clarksburg, W.Va.
 Mineral rights are owned by Same
 Address _____
 Drilling commenced Feb. 16, 1961
 Drilling completed Mar. 17, 1961
 Date Shot _____ From _____ To _____
 With _____
 Open Flow 22/10ths Water in 2" Inch
 _____/10ths Merc. in _____ Inch
 Volume 198,000 Cu. Ft.
 Rock Pressure None taken lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED _____
 WELL FRACTURED March 23, 1961 by Dowell, Water, sand, acid.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			Size of _____
18 12"	19'	19'	Depth set _____
8 1/4"	390'		Perf. top <u>1962</u>
6 5/8"	1010'		Perf. bottom <u>1982</u>
5 3/16 1 1/2"	2063'	2063'	Perf. top <u>2004</u>
3"			Perf. bottom <u>2009</u>
2"			
Liners Used			

CASING CEMENTED 4 1/2" SIZE 285 No. Ft. 3-18-61 Date
40 Cement 30 Baroid 8 Aquagel
 (DOWELL)
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 15# S.G. 2" 2,718 M
 ROCK PRESSURE AFTER TREATMENT 720# 72 hr.
 Fresh Water Hole full 25' Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	15	Water	25	Hole full
Sand			15	60			
Slate & shells			60	75			
Sand			75	105			
Slate			105	125			
Lime			125	150			
Red Rock			150	160			
Lime			160	185			
Slate			185	210			
Lime			210	225			
Slate			225	235			
Lime			235	260			
Slate			260	275			
Lime & slate			275	565			
Slate	Black		585	585			
Slate & shells			585	605			
Sand			605	625			
Slate & shells			625	780			
Red Rock			780	815			
Slate & shells			815	880			
Red Rock			880	905			
Slate & shells			905	935			
Sand			935	955			
Slate & shells			955	1010			
Sand			1010	1045			
Slate	Black		1045	1055			
Slate & shells			1055	1090			
Lime			1090	1200			
Slate			1200	1225			
Lime			1225	1250			



Formation	Color	Hard or Soft	Top ²	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1250	1295			
Slate & shells	Black		1295	1335			
Lime			1335	1390			
Slate & shells			1390	1440			
Sand			1440	1490			
Slate			1490	1510			
Sand			1510	1560			
Slate			1560	1565			
Sand			1565	1590			
Slate			1590	1595			
Sand			1595	1645			
Slate & shells			1645	1712			
Sand			1712	1755			
Slate & shells			1755	1770			
Lime		Hard	1770	1780			
Red Rock			1780	1796			
Slate & shells			1796	1812			
Little Lime			1812	1835			
Slate			1835	1845			
Big Lime			1845	1900			
Injun			1900	2005	Gas	1950-1955	Show
Squaw			2005	2045	Gas	1955-1972	5/10 W 1"
Slate			2045	2063	Gas	1972-1980	9/10 W 1"
Total depth				2063	Gas	2000-2005	22/10 W 2"

Date March 31, 1961

APPROVED Allegheny Land & Mineral Co.

By Claron Dawson Mahone,
(Title)