



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

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-144
 Elevation (Spirit Level) AS SHOWN
 Quadrangle CENTER POINT (S 2)
 County DODDRIDGE District M^cCLELLAN
 Engineer James D. Jeffries
 Engineer's Registration No. 1084
 File No. 202/116 Drawing No. _____
 Date 6-13-61 Scale 1" = 800'

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

WELL LOCATION MAP

FILE NO. Dep. 566- (Co. No. A-144)

Smithbur 3

+ 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

Quadrangle _____

Permit No. Dod-566

WELL RECORD

Oil or Gas Well Oil
(KWD)

Company Allegheny Land & Mineral Company
Address Clarksburg, W.Va.
Farm Virgil L Highland Acres 432
Location (waters) _____
Well No. A-144 Elev. 921
District McClellan County Doddridge
The surface of tract is owned in fee by Highland Hrs.
Address Clarksburg, W.Va.
Mineral rights are owned by Same
Address _____

Drilling commenced July 5, 1961
Drilling completed July 29, 1961
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in None taken Inch _____
/10ths Merc. in _____ Inch _____
Volume Show only Cu. Ft. _____
Rock Pressure None taken hrs. _____
Oil Slow only bbls., 1st 24 hrs. _____
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	20'	20'	
13			Size of
10	202'		
8 1/4	966'		Depth set
6 5/8			
5 3/16	2090'	2090'	Perf. top <u>2016</u>
3			Perf. bottom <u>Frac Notch</u>
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED 5 1/8" SIZE 687 No. Ft. 8-1-61 Date
110 Sks-cement, 20 sks. Baroid, 4 sks.-lime
Lawson Cementing Co.
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

WELL FRACTURED August 8, 1961 by Dowell Water, sand, acid

RESULT AFTER TREATMENT Makes 1 bbl oil in 24 hr. Very small amount of gas

ROCK PRESSURE AFTER TREATMENT Not taken

Fresh Water 50' Fresh Feet Hole full Salt Water 1 bailer per hr Feet 1485

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	5	Water	21'	Fresh
quicksand			5	15	Water	50'	Fresh- Hole full
Blue Muck			15	19			
plate & shells			19	80			
Red Rock			80	95			
plate			95	115			
Red Rock			115	130			
plate			130	145			
Red Rock			145	175			
plate & shells			175	278			
lime		Hard	278	300			
plate		Soft	300	310			
lime			310	320			
plate		Soft	320	330			
pink Rock			330	345			
plate & shells			345	380			
lime			380	410			
late		Soft	410	500			
and			500	525			
late			525	530			
lime			530	545			
late	White		545	555			
late	Black		555	565			
lime & Slate			565	595			
and			595	615			
late		Soft	615	625			
Red Rock			625	640			
lime			640	660			
Red Rock			660	675			
late			675	750			

Perforations in 5 1/8" casing:
1720 to 1726, 1737 to 1739,
1750 to 1755

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			750	800			
Slate & shells			800	870			
Sand			870	875			
Red Rock			875	903			
Slate	Brown		903	910			
Slate		Soft	910	925			
Lime			925	945			
Pink Rock			945	958			
Lime			958	963			
Slate			963	968			
Lime			968	980			
Slate	White		980	1000			
Slate	Dark		1000	1050			
Slate & shells			1050	1200			
Lime			1200	1220			
Sand			1220	1265			
Slate			1265	1280			
Sand			1280	1320			
Slate			1320	1325			
Lime (Gritty)			1325	1365			
Slate			1365	1380			
Lime	Dark		1380	1465			
Sand			1465	1506	Water	1485	1 bailer per hr.
Slate			1506	1512			
Lime			1512	1518			
Sand			1518	1563			
Slate			1563	1564			
Sand			1564	1595			
Slate	Black		1595	1650			
Sand			1650	1765	Oil	1722-1735	Show
Slate & shells			1765	1820	Oil & gas	1750-1760	Show gas
Lime			1820	1840			Est. 1 bbl.
Slate	Pink		1840	1858			oil 2 hr
Big Lime			1858	1908			
Keener			1908	1951			
injun			1951	2004			
Slate & shells			2004	2012			
Squaw			2012	2022			
Sandy Shells			2022	2090			
Total Depth				2090			

Date Sept. 6, 19

APPROVED Allegheny Land & Mineral Co., c

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