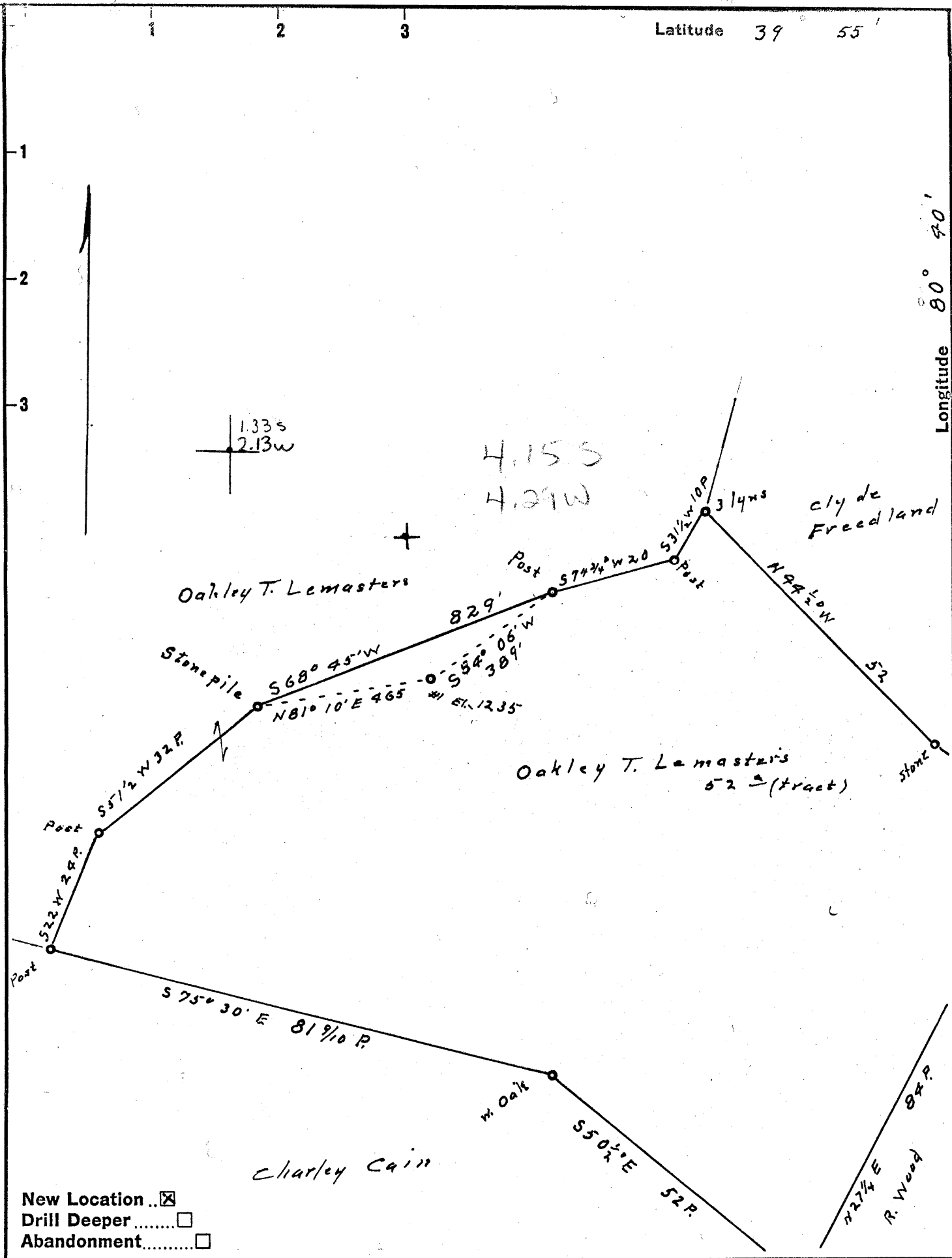


39°52'30"

Latitude 39 55'

Longitude 80° 40'

80°47'30"



- New Location
- Drill Deeper
- Abandonment

Company Keith Robinson & Associates
 Address 711 Main St Sistersville W.Va.
 Farm Oakley T. Lemasters
 Tract 52[±] Acres 102 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1235
 Quadrangle C9 m eron
 County Mars District Clay
 Engineer Robert Anderson
by O. Meredith
 Engineer's Registration No. 296
 File No. _____ Drawing No. _____
 Date Apr 7 1/11 = 20 Poles

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

WELL LOCATION MAP
 FILE NO. MARS-307

+ 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

Local Address:
421 First National Bank Bldg.,
Marietta, Ohio

WELL RECORD

Permit No. MARS-307

Oil or Gas Well Dry Hole
(KIND)

Company Arrowhead Exploration Co.
Address 1219 Mile High Center, Denver 2, Colo.
Farm Oakley Lemasters Acres 102
Location (waters) Roberts Ridge
Well No. 1 Elev. 1,235
District Clay County Marshall
The surface of tract is owned in fee by Oakley Lemasters
Address Moundsville, W.Va
Mineral rights are owned by Oakley Lemasters
Address Moundsville, W.Va
Drilling commenced May 10, 1957
Drilling completed June 21, 1957
Date Shot No From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure No lbs. _____ hrs.
Oil No bbls., 1st 24 hrs.
Fresh water 77 feet _____ feet
Salt water 1554 feet 1976 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	278		Size of
8 1/4	1,342		
8 1/4 7	1,745		Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED No SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 739 FEET 741 FEET
824 FEET 830 FEET
496 FEET 498 FEET

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime & Slate			0	77	Water		200 gal/hr. 1854 1235 619
Slate			77	88			
Lime & Slate			88	103			
Sand			103	112			
Lime, Slate & Red Rock			112	218			
Slate, Dark			218	226			
Lime, Shells & Slate			226	426			
Coal Washington			426	428			
Lime & Slate			428	496			
Coal			496	498			
Slate, Dark			498	536			
Coal Waynesburg			536	538			
Lime & Slate			538	739			
Coal, Mapletown			739	741			
Slate & Lime			741	824			
Coal, Pittsburgh			824	830			
Slate & Red Rock			830	1201			
Sand, Little Dunkard			1201	1218			
Slate & Lime Shells			1218	1319			
Sand, Big Dunkard			1319	1362			
Sand			1508	1575	Water 1554	Hole Full	
Sand, Maxton			1761	1774			
Lime, Big Lime			1854	1902	Water 1976	1 bailer/hr.	
Sand, Keener			1902	1944			
Shale, Dark			1944	1958			
Sand, Big Injun			1958	2163			
Slate & Shells			2163	2529			
Pink Rock			2598	2648			
Sand, Shaley			2765	2770			
Slate & Shells			2770	2805			
Sand, Shaley Gordon			2805	2925			
Slate & Shells			2925	2860			
Sand, Shaley, Fourth			2860	2867			
Slate & Shells			2867	3000			
Total Depth				3000			

