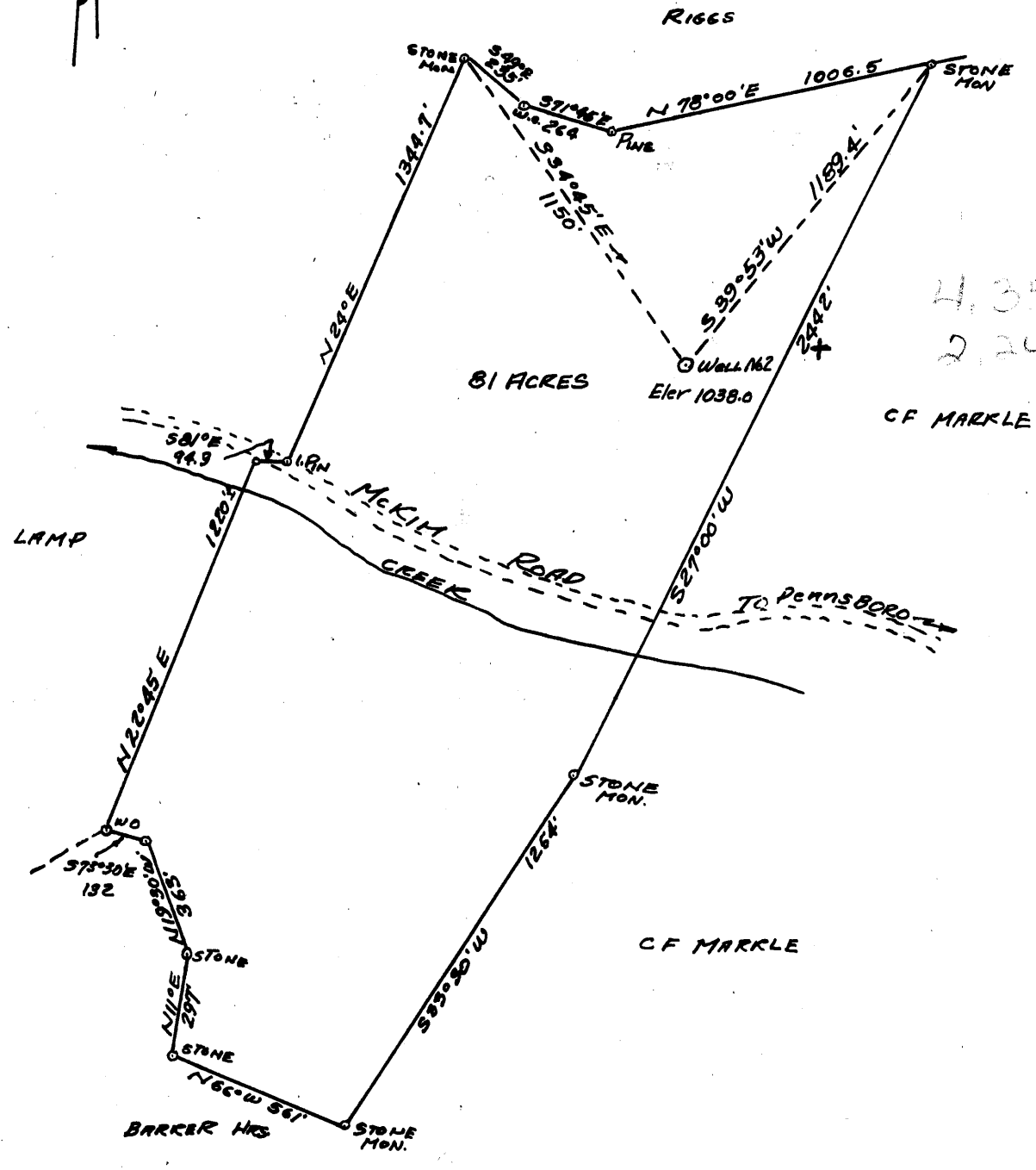


Latitude 39° 25'

Longitude 80° 55'



New Location
 Drill Deeper
 Abandonment

Company SULLIE OIL CO.
 Address NEW WATERFORD, OHIO
 Farm WILLIAM E. FERGUSON
 Farm CF MARKLE
 Tract _____ Acres 81 Lease No. _____
 Well (Farm) No. TWO Serial No. _____
 Elevation (Spirit Level) 1038
 Quadrangle WEST UNION WC
 County TYLER District MEADE
 Engineer L.G. MERRILL
 Engineer's Registration No. 152
 File No. _____ Drawing No. _____
 Date OCT 31, 1958 Scale 1" = 500

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

WELL LOCATION MAP

FILE NO. TYL-274

+ 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 / 0

Quadrangle Heat Union

WELL RECORD

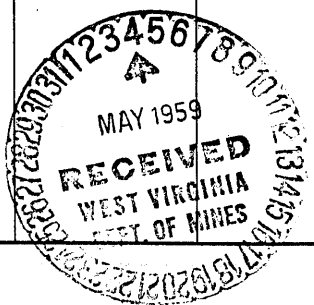
Permit No. TYL-274

Oil or Gas Well Gas
(KIND)

Company <u>Sullie Oil Co., a W. Va. Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>c/o C.E. McGinnis, St. Marys, W. Va.</u>	Size			
Farm <u>Floyd C. Markle</u> Acres <u>81</u>	16			Kind of Packer
Location (waters)	13			
Well No. <u>No. 2</u> Elev. <u>1038'</u>	10	<u>300</u>	<u>-0-</u>	Size of
District <u>Meade</u> County <u>Tyler</u>	8 1/4	<u>1000</u>	<u>-0-</u>	Depth set
The surface of tract is owned in fee by <u>Floyd C. Markle</u>	6 5/8	<u>1550</u>	<u>-0-</u>	
<u>KMXIX</u> Address <u>Pennsboro, W. Va.</u>	5 3/16	<u>2047</u>	<u>2047</u>	
Mineral rights are owned by <u>Floyd Markle (1/3),</u>	3			Perf. top
<u>J.L. Barker (1/3) & 12 others</u>	2			Perf. bottom
Drilling commenced <u>Dec. 9, 1958</u>	Liners Used			Perf. top
Drilling completed <u>Jan. 10, 1959</u>				Perf. bottom
Date Shot From To				
With				
Open Flow /10ths Water in <u>.9</u> Inch				
/10ths Merc. in Inch				
Volume <u>35,000</u> Cu. Ft.	CASING CEMENTED	SIZE	No. Ft.	Date
Rock Pressure <u>375</u> lbs. <u>72</u> hrs.				
Oil bbls., 1st 24 hrs.				
WELL ACIDIZED	COAL WAS ENCOUNTERED AT	FEET	INCHES	
		FEET	INCHES	
		FEET	INCHES	

WELL FRACTURED Waterfrac 20,000 gal., 16,000 lbs. sand, 1000 gal acid.
Good fracture
 RESULT AFTER TREATMENT Cu. Ft. volume increased to about 65,000
 ROCK PRESSURE AFTER TREATMENT 375
 Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
The drillers log furnished only the following facts.							
Sand	White		1420	1535			
Sand		soft	1535	1550			
Sand	White	hard	1580	1596			
Sand	"		1596	1615			
Slate		soft	1615	1635			
Slate & Shells	Black		1635	1674			
"	"		1674	1714			
Black Lime		hard	1714	1718			
Lime	black	"	1718	1733			
Lime		" gritty	1733	1738			
Sand-Maxon		"	1738	1744			
"	"	"	1744	1776			
"	"	"	1776	1785			
Slate	black		1785	1827			
Lime		hard	1835	1843			
Slate		soft	1843	1858			
Lime		hard	1858	1864			
Slate		soft	1864	1870			
Little Lime		hard	1870	1882			
"	"	"	1882	1900			
Pencil Cave			1900	1902			
Big Lime		hard	1902	1918			
"	white	"	1918	1937			
"	"	"	1937	1942			
Lime		"	1942	1956			
Big Lime		"	1956	1970			
Sand Keener		"	1970	1972			
"		"	1972	1981			



Formation	Color	Hard or Soft	Top / 0	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime-Broken			1981	1990			
"			1990	1993			
✓ Sand			1993	2012			
"			2012	2042			
"		hard	2042	2072	Gas	2066	
"			2070	2091			
✓ Squaw Sand			2091	2109			
"			2109	2110			
Slate			2110	2130			

Date May 1, 1959

APPROVED Sullie Oil Co., Owner

By Harry D. Hetschke
(Title) Secretary