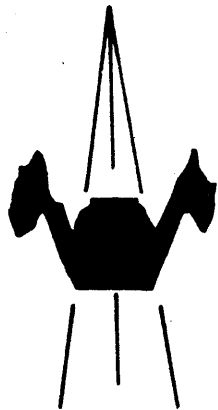
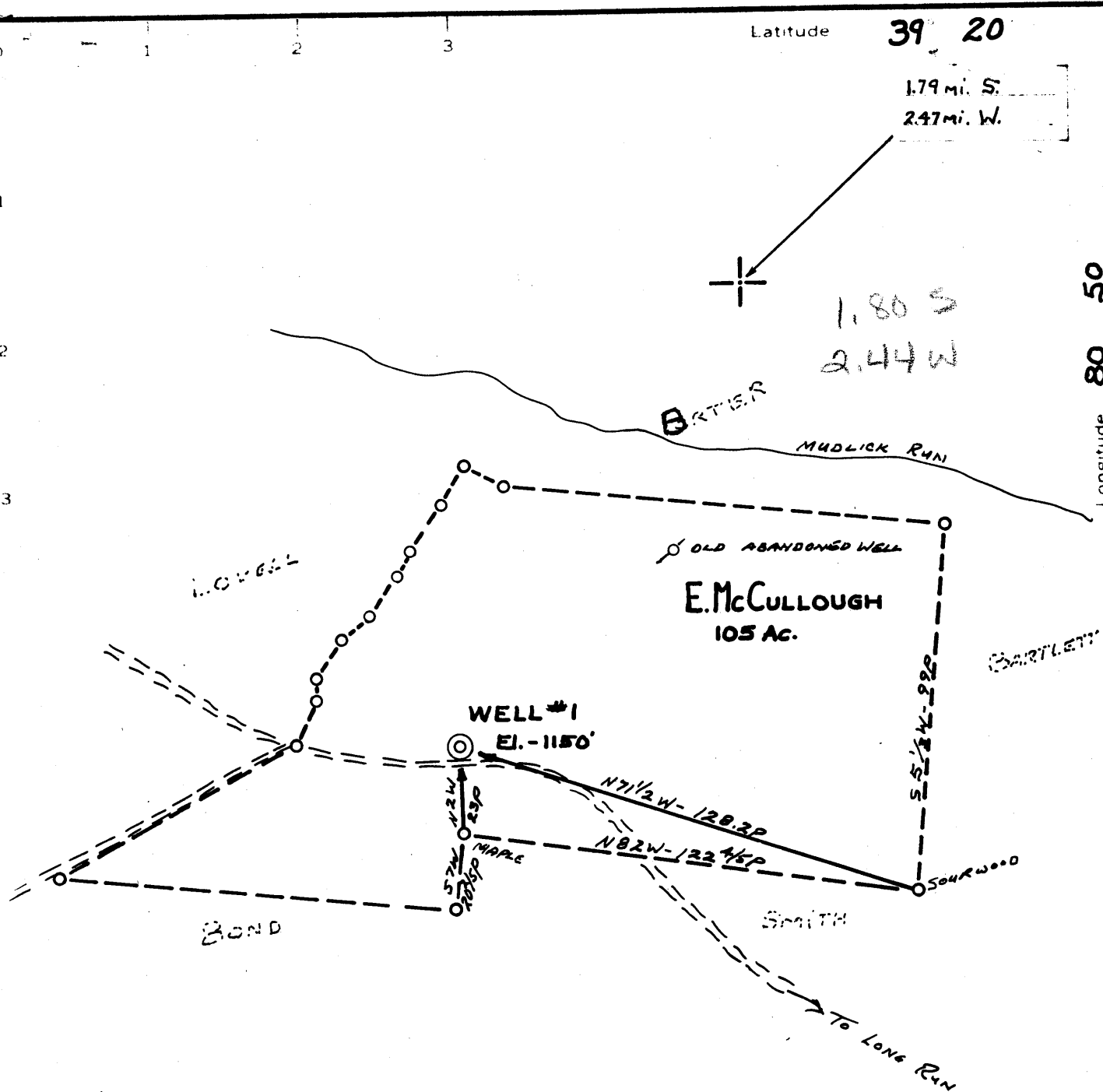


Latitude

39° 20'

1.79 mi. S
2.47 mi. W.

Longitude 80° 50'



MINIMUM ERROR OF CLOSURE 1p to 200p

SOURCE OF ELEVATION ROAD INTERSECTION @ LONG RUN

New Location **x**
 Drill Deeper
 Abandonment

I, THE UNDERSIGNED HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA

Company **PLATTE VALLEY OIL CO., INC.**
 Address **RALSTON, NEBRASKA**
 Farm **E. McCULLOUGH**
 Tract Acres **105** Lease No. _____
 Well Farm No. **ONE** Serial No. _____
 Elevation Spirit Level **1150'**
 Quadrangle **WEST UNION - SC**
 County **TYLER** District **CENTERVILLE**
 Engineer **Robert Waterman**
 Engineer's Registration No. **3798**
 File No. **64003-37** Drawing No. _____
 Date **8/25/64** Scale **1" = 40p**

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

WELL LOCATION MAP
 FILE NO **TYL-387**

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 squares on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 27

Rotary
Spudder
Cable Tools
Storage

Quadrangle West Union

Permit No. TYL-387

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Platte Valley Oil Co., Inc.
Address Ralston, Nebraska
Farm E. McCullough Acres 105
Location (waters) Mudlick
Well No. One Elev. 1150'
District Centerville County Tyler
The surface of tract is owned in fee by E. McCullough
Address Greenwood, W. Va.
Mineral rights are owned by Same
Address _____

Drilling commenced 9/18/64
Drilling completed 10/21/64
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in Show _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	748'		Size of
8 3/4	1275'		
6 3/8	2023'		Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water 660', 1104', 1570' & Feet 1610'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0'	10'			
Shale			10	80			
Sand			80	93			
Shale			93	145			
Sand			145	160			
Shale			160	245			
Sand			245	265			
Shale			265	345			
Sand			345	365			
Shale			365	445			
Sand			445	475			
Shale			475	505			
Sand			505	515			
Shale			515	545			
Sand			545	553			
Shale			553	652			
Sand			652	680	Water	660' -75'	
Shale			680	688			
Sand			688	714			
Shale			714	1035			
Sand			1035	1070			
Shale			1070	1090			
Sand			1090	1122	Water	1104' -08'	
Shale			1122	1185			
Sand			1185	1210			
Shale			1210	1236			
Sand			1236	1244			
Shale			1244	1270			
Sand			1270	1297			
Shale			1297	1370			



Formation	Color	Hard or Soft	Top 27	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1370'	1400'			
Shale			1400	1435			
Sand			1435	1490			
Shale			1490	1515			
✓ Sand Salt Sand			1515	1680	Water	1570'	-80' & 1610'
Shale			1680	1821			
✓ Sand			1821	1862	Water		1852' -60'
Shale			1862	1954			
Sand			1954	1970			
Shale			1970	1986			
✓ Limestone L.L.			1986	2000	2018		
Shale			2000	2018	1150		
✓ Limestone B.L.			2018	2084	868		
Shale			2084	2087			
Sandy Limestone			2087	2098			
Shale			2098	2102			
✓ Sand B.I.			2102	2110	Oil		2104' -10'
Shale			2110	2113			
✓ Sand			2113	2117	Gas		2114' -17'
Shale			2117	2119			
Sand			2119	2127			
Shale			2127	2129			
Sand			2129	2157	Gas		2154' -56'
Shale			2157	2160			
Sand			2160	2175			
Shale			2175	2184			
Sand			2184	2189	Gas		2186' -88'
Shale			2189	2191			
Sand			2191	2196			
Shale			2196	2199			
Sand			2199	2205			
Shale			✓ 2205	2214			
T.D.				2215'			

Date _____, 19__

APPROVED _____, Owner

By Chas Waterman, Eng.
(Title)