



Company Quaker State Oil Refining Corp.
 Address Box 1789 Parkersburg, W. Va.
 Farm Daniel F. Hildreth
 Tract _____ Acres 232.8 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1139.46
 Quadrangle Clarksburg W. Va.
 County Marion District Mannington
 Engineer Bernard G. Sampson
 Engineer's Registration No. 233
 File No. _____ Drawing No. _____
 Date Dec. 1952 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. MAR-788-A

+ 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.

DANIEL F. HILDRETH No. 1 - QUAKER STATE O.R. CORP. - MAR-788-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

869

WELL RECORD

Permit No. 7884 Oil or Gas Well Oil
(KIND)

Company QUAKER STATE OIL REFINING CORP.,
Address Box 1789, Parkersburg, W. Va.
Farm D. F. Hildreth Acres 232
Location (waters) Quaker Fork
Well No. 1 Elev. 1139.46
District Mannington County Marion
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Ralph Hildreth
680 S. Chestnut Ave. Address Clarksburg, W. Va.
Drilling commenced 4/15/13
Drilling completed 10/6/13
Date Shot 11/25/13 From Depth top of shot 3,080'
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	495	495	Size of
8 1/4	1345	1345	
6 1/2	2170	2170	Depth set
5 3/16			
3			Perf. top
2	3080	3080	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil X _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 1794 feet 2014 feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 948 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>Coal-Pittsburgh</u>			948				
<u>Sand-Big Dunkard</u>			1449				
<u>Gas Sand</u>			1554				
<u>Sand Salt</u>			1724	2024	Water	1794, 2014	
<u>Pencil Cave</u>			2157				
<u>Big Line</u>			2160				
<u>Sand-Big Injun</u>			2231	2352	Gas Show 2243 Oil Show 2342 Water 2348		
<u>Sand-50 Ft.</u>			2820	2875			
<u>Sand-30 Ft.</u>			2901				
<u>Sand-Gordon Stray</u>			3000	3043	Gas	3033	
<u>Shale</u>			3043	3052			
<u>Sand-Gordon</u>			3052		Oil	3080	
<u>Total Depth</u>				3080			

