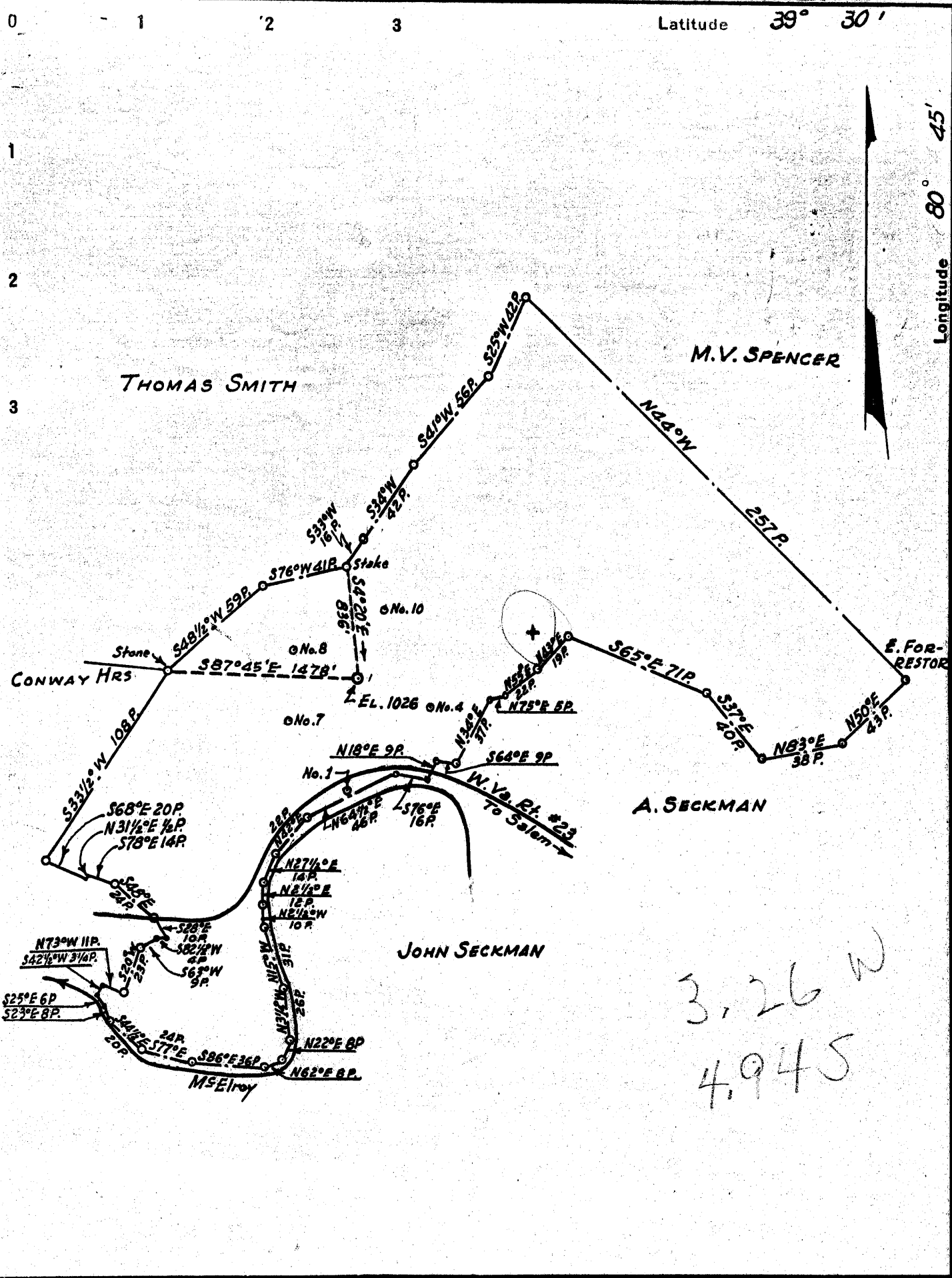


Latitude 39° 30'

Longitude 80° 45'



3,26 W  
4,945

Company QUAKER STATE OIL REFG. CORP  
 Address ST. MARYS, W. VA.  
 Farm P. M. FURBEE  
 Tract \_\_\_\_\_ Acres 316 Lease No. \_\_\_\_\_  
 Well (Farm) No. 20 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1026  
 Quadrangle West Union - NE  
 County Tyler District M<sup>E</sup> Elroy  
 Engineer L. G. Merrill  
 Engineer's Registration No. 152  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Aug. 20, 1953 Scale 1" = 990'

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

WELL LOCATION MAP  
 FILE NO. JYL-225

+ 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

*West Union*

**WELL RECORD**

Permit No. TYL - 225

Oil & Gas Well Pressure  
(KIND)

Company Quaker State Oil Refining Corp.  
Address Box 1789, Parkersburg, W. Va.  
Farm P. M. Furbee Acres 316  
Location (waters) McElroy Creek  
Well No. Twenty (20) Elev. 1026  
District McElroy County Tyler  
The surface of tract is owned in fee by Fred Furbee, et al  
Address Marietta, Ohio  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced August 27, 1953  
Drilling completed December 9, 1953  
Date Shot From 2759 To 2769  
With 40 Quarts  
Open Flow 49 /10ths Water in  $\frac{1}{8}$ " orifice Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure 112 lbs. 24 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18	22	22	
10	353	353	Size of
8 1/4	1210		
6 3/4	1922	1922	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

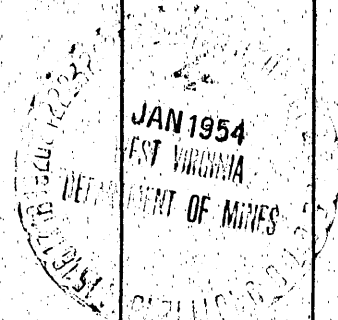
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 678 FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			0	35			
Clay	Yellow		35	80			
Lime & Shale			80	124			
Sand	Gray		124	134			
Shale			134	138			
Red Rock			138	189			
Lime		Hard	189	198			
Red Rock		Soft	198	203			
Lime & Shale			203	226			
Shale	Black		226	229			
Lime, Shale & Red Rock			229	310			
Sand			310	314			
Lime, Shale & Red Rock			314	418			
Sand			418	425			
Lime & Shale			425	564			
Sand	White	Hard	564	595			
Lime & Shale			595	615			
Sand	White		615	628			
Lime & Shale			628	675			
Shale	Dark		675	678			
Coal - Pittsburgh			678	681			
Shale	Dark		681	688			
Lime & Shale			688	751			
Sand	Gray		751	786			
Lime & Shale			786	794			
Lime, Shale & Red Rock			794	898			
Sand	White		898	910			
Red Rock			910	920			
Lime & Shale			920	990			
Sand			990	1002			
Lime & Red Rock			1002	1050			
Lime & Shale			1050	1130			
Lime	Dark	Hard	1130	1235			
Sand - Big Dunkard		Hard	1235	1260			
Lime		Soft	1260	1295			



Formation	Color	Hard or Soft	Top <sup>7</sup>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	White		1295	1304			
Lime			1304	1312			
<del>Sand</del> <u>Gas Sand</u>			1312	1355			
<del>Lime &amp; Shale</del>			1355	1385			
<del>Sand</del> <u>First Salt</u>			1385	1420		1900	
Lime & Shale			1420	1585		1026	
<del>Sand</del> <u>Second Salt</u>			1585	1610		874	
<del>Lime &amp; Shale</del>			1610	1666			
<del>Sand</del> <u>Third Salt</u>			1666	1720			
<del>Shale</del>			1720	1780			
Red Rock	Pink		1780	1798			
Lime			1798	1810			
<del>Sand</del> <u>Maxton</u>			1810	1858			
<del>Shale</del>			1858	1872			
<del>Lime</del>	Broken	Hard	1872	1979	Oil & Gas	1948-50	Show
<del>Sand</del> <u>Big Injun</u>			1978 <sup>9</sup>	2175	Vacuum		
<del>Shale</del>		Hard & Soft	2175	2334			
<del>Sand</del>		Hard	2334	2380			
<del>Shale &amp; Shells</del>			2380	2755			
<del>Sand</del> Gordon		Hard	2755	2772	Gas	2760	10M
<del>Shale</del>			2772	2821			
TOTAL DEPTH				2821			

*Greenbrier 1900-2000*

Date January 25, 1954

APPROVED Quaker State Oil Refining Corp Owner

By

*[Signature]*