

MINIMUM ERROR OF CLOSURE 1' IN 200

SOURCE OF ELEVATION USGS El. @ Intersection of Route 10 &

Purgatory Run Road El. 703.00

New Location
 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 QUAKER STATE OIL REFG. CORP.
 Address P.O. Box 1327 PARKERSBURG, W. VA.
 Farm Hiram Sweeney
 Tract _____ Acres 102.57 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 821.5
 Quadrangle West Union
 County Tyler District Centerville
 Engineer H. Johnson
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date Feb 9, 1968 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. TYL-419-P

+ 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.

MAY 13 1968



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 3

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well *DRY w/oil & gas (KIND) then*

Quadrangle West Union
Permit No. TYL-419

WELL RECORD

Company Quaker State Oil Refining Corporation
Address P. O. Box 1327, Parkersburg, W. Va.
Farm Hiram Sweeney Acres 102.67
Location (waters) Purgatory Run
Well No. One Elev. 821.5
District Centerville County Tyler
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Hiram Sweeney
Address Centerville, W. Va.
Drilling commenced 3-28-68
Drilling completed 4-26-68
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	18"		Kind of Packer
13			
10	4 1/4		Size of
8 1/4	1112		
6 3/4	1715		Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

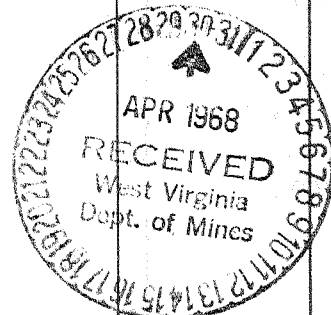
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT 503 FEET show INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water 360 Feet Salt Water 1245-1305, 1473-1540 Feet 1680-85
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	10			
Stone			10	20			
Red rock			20	26			
Lime			26	32			
Shale & Red rock			32	50			
Lime			50	58			
Shale			58	65			
Lime & sand			65	105			
Shale & Red rock			105	125			
Lime			125	132			
Red rock & shale			132	160			
Lime shells			160	177			
Sand			177	189			
Shale			189	196			
Lime			196	212			
Red rock			212	225			
Lime			225	234			
Shale			234	245			
Lime			245	265			
Shale			265	275			
Red rock			275	282			
Lime			282	290			
Shale			290	296			
Lime			296	312			
Shale			312	323			
Lime			323	335			
Shale			335	341			
Lime			341	352			
Shale			352	358			
Lime			358	370			



1 13" bailer of water/hr.

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock			370	375			
Sand			375	415			
Shale beak			415	420			
Sand			420	438			
Shale & shells			438	495			
Black shale			495	508			
Lime			508	537			
Lime shells			537	550			
Shale			550	595			
Lime (sand)			595	612			
Shale break			612	615			
Lime			615	626			
Shale			626	636			
Lime			636	649			
Red rock			649	658			
Shale			658	683			
Red rock			683	695			
Lime			695	715			
Sand			715	723			
Shale break			723	727			
Lime			727	730			
Red rock			730	775			
Sand			775	787			
Black shale & L. shells			787	815			
Lime			815	835			
Shale			835	841			
Lime			841	850			
Pink rock			850	860			
Shale			860	872			
Lime			872	893			
Shale & L. shells			893	930			
Lime			930	935			
Shale (gray)			935	960			
Lime			960	966			
Black shale			966	985			
Sand			985	1037			
Shale			1037	1060			
B. Slate			1060	1070			
Sand			1070	1085			
Shale			1085	1110			
Sand			1110	1150			
Shale			1150	1155			
Sand			1155	1175			
Shale			1175	1187			
Sand			1187	1212			
Shale			1212	1245			
Sand			1245	1305	1 8" bailer of water/hr.		
Shale & shells			1305	1339			
Lime			1339	1360			
Shale (black)			1360	1380			
Sand			1380	1392			
Shale (black)			1392	1415			
Sand			1415	1455	1412 - 25 smell of oil (on fresh oil on 2 hr. test)		
Shale (black)			1455	1479	1473-1540 2 1/2 (8") bailers of water/2 hrs		
Lime (sand)			1473	1540			
Shale (black)			1540	1602			
Sand			1602	1612			
Shale			1612	1622			
Sand			1622	1685	1680-85 200' of water		
Shale			1685	1698			
Big Lime			1698	1818			
Sand <i>Big Injun</i>			1818	1955	1826-33 good smell of oil & gas		
					1866-69 show of oil		
					1882-87 show of gas		
					1899-1905 show of gas		
Shale			1955	2022			
TOTAL DEPTH				2022			

Date April 29, 19 68

APPROVED Quaker State Oil Refining Corporation, Owner

By *Shelton H. Nays*
(Title)