



Minimum Error of Closure 1 in 200

Source of Elevation Well No 1 Wat. Permit No 958A
Elev 1431

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.

Signed: Andrew L. Marshall, Surveyor
 Squares: N S E W

- Fracture
- New Location
- Drill Deeper 11-6-68
- Abandonment 12-19-68

Map No.

Company Quaker State Oil Refg. Corp.
 Address Box 1327 Parkersburg, W. Va.
 Farm HELEN CLOVIS
 Tract _____ Acres 42 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 1447.4
 Quadrangle Mannington NC
 County Wetzel District Church
 Engineer [Signature]
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date Mar 20, 1965 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. WET-567-D-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

WELL RECORD

Oil or Gas Well DRY
(KIND)

Quadrangle

Permit No. WET-567-D

Company <u>QUAKER STATE OIL REFINING CORPORATION</u> Address <u>P. O. Box 1327, Parkersburg, W. Va.</u> Farm <u>Helen Clovis</u> Acres <u>42</u> Location (waters) <u>Branch of Base Hollow</u> Well No. <u>1 (ONE)</u> Elev. <u>1447.4</u> District <u>Church</u> County <u>Wetzel</u> The surface of tract is owned in fee by Address Mineral rights are owned by <u>Helen Clovis</u> Address <u>Burton, W. Va.</u> Drilling commenced <u>11-21-68</u> Drilling completed <u>11-29-68</u> Date Shot From To With Open Flow /10ths Water in Inch /10ths Merc. in Inch Volume <u>Gas show 3215 - 3217</u> Cu. Ft. Rock Pressure lbs. hrs. Oil bbls., 1st 24 hrs. WELL ACIDIZED (DETAILS) WELL FRACTURED (DETAILS)	Casing and Tubing Size 16 13 10 8 1/4 6 5/8 5 3/16 4 1/2 3 2 Liners Used	Used in Drilling Left in Well Packers Kind of Packer Size of Depth set Perf. top Perf. bottom Perf. top Perf. bottom	Attach copy of cementing record. CASING CEMENTED SIZE No. Ft. Date Amount of cement used (bags) Name of Service Co. COAL WAS ENCOUNTERED AT FEET INCHES FEET INCHES FEET INCHES FEET INCHES FEET INCHES
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RESULT AFTER TREATMENT (Initial open Flow or bbls.)

ROCK PRESSURE AFTER TREATMENT HOURS

Fresh Water Feet Salt Water Feet

Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
	Hole cleaned out and started to drill deeper from Depth of 2810'						
Shale			2810	2968			
Lime			2968	3014			
Shale			3014	3026			
Lime			3026	3057			
Sand			3057	3096			
Sand & shale			3096	3132			
Sand			3132	3143			
Shale			3143	3164			
Lime & shale			3164	3194			
Sand	<i>Fish ?</i>		3194	3224			
				3224		Gas show 3215 - 3217	
TOTAL DEPTH							
			$\begin{array}{r} 3224 \\ 2810 \\ \hline 414 \end{array}$				

