



Note: Property on North
Owned By Freda F Erwin
& T. Botlen

Albert & Howard Hinterer
266 Ac

A. Hinterer
235 Ac

Freda Erwin
104 Ac

A. Maxwell

Stone

J. C. Hought

Well No. 9
Elev. 1206

571° 34' W
445.4

W. Wire
Fence

512° 30' W
229.1

Stone Mount

N 77° 30' W
382.1

24" Hic Stump

S 41° W
231.1

Stone

S 46° 15' W
821.7

871.7

20" Hic

N 40° 45' W
316

S 81° 50' W
821.7

N 78° 15' W
165

S 23° W
396.1

Hic

N 26° 57' W
661

N 40° 30' W
371.25

Minimum Error of Closure 1' in 200

Source of Elevation USGS Elev. @ Intersection of Rt 18
& Brushy Fork Road Elev. 928.5

- Fracture.....
- 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.

Signed: Charles S. Marshall, Surveyor
Squares: N S E W

Company Quaker Oil Refg. Corp
 Address P.O. Box 1327, Parkersburg, W. Va.
 Farm Albert & Howard Hinterer
 Tract _____ Acres 266 Lease No. _____
 Well (Farm) No. 4 Serial No. _____
 Elevation (Spirit Level) 1206
 Quadrangle Vadis WC
 County Doddridge District New Milton
 Engineer J. F. Johnston
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date July 9, 1965 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. DOD-1277

+ 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

Quadrangle Vadis
Permit No. DOD-1277

WELL RECORD

Oil or Gas Well DRY
(KIND)

Company QUAKER STATE OIL REFINING CORPORATION
Address P. O. Box 1327, Parkersburg, W. Va.
Farm Albert & Howard Hinterer Acres 266
Location (waters) Branch of Toms Fork
Well No. 4 Elev. 1206
District New Milton County Doddridge
The surface of tract is owned in fee by Albert & Howard Hinterer
Address New Milton, W. Va.
Mineral rights are owned by Same
Address _____

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

Drilling commenced 8-26-65
Drilling completed 10-8-65
Date Shot _____ From _____ To _____
With _____
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 None SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

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
and shale			Surface	30			
shale & gravel			30	118			
shale & sand			118	495			
and, Shale & red rock			495	1459			
shale & sand shells			1459	1620			
shale & sand			1620	2230			
blue Monday			2230	2245			
lime			2245	2337			
lime & sand			2337	2464			
lime & black shale			2464	2522			
				2522	Total Depth		

