

LATITUDE $39^{\circ} 10'$
 Topo

LONGITUDE $80^{\circ} 40'$

Albert Hinterer
 235 AC

Albert & Howard
 Hinterer
 266 AC

Fred B Erwin
 104 AC

Wilma A Kipe
 103.95 AC

Well No 3
 Elev. 1213.2

USGS Elev
 928.5

Minimum Error of Closure $1/11200$

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

- 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: Cordell L. Marshall, Surveyor
 Squares: N S E W

Company Devonian Gas & Oil Co
 Address 112 Benedum Trees Building 4TH Ave Pittsburg, 22 Pa.
 Farm Albert Hinterer
 Tract _____ Acres 235 Lease No. _____
 Well (Farm) No. 3 Serial No. _____
 Elevation (Spirit Level) 1213.2
 Quadrangle Vadis - WC
 County Doddridge District New Milton
 Engineer A. J. Johnston
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date Mar 13, 1965 Scale 1" = 400

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

WELL LOCATION MAP

FILE NO. DOD - 1268

+ 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 5

Rotary
Spudder
Cable Tools
Storage

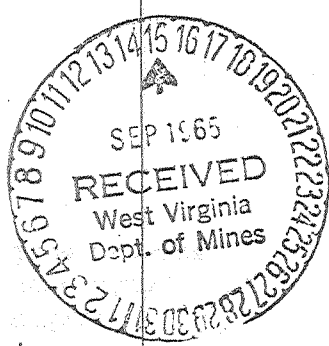
Quadrangle Vadis
Permit No. DOD-1268 - Rev.

WELL RECORD

Oil or Gas Well DRY
(KIND)

Company <u>Quaker State Oil Refining Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. Box 1327, Parkersburg, W. Va.</u>	Size			
Farm <u>Albert Hinter</u> Acres <u>235</u>	16			Kind of Packer
Location (waters) <u>Toms Fork</u>	13			
Well No. <u>3 (Three)</u> Elev. <u>1222.3</u>	10			Size of
District <u>New Milton</u> County <u>Doddridge</u>	8 5/8	19	19 (cmt)	Depth set
The surface of tract is owned in fee by <u>Albert Hinter</u>	6 5/8			
Address <u>West Union, W. Va.</u>	5 3/16			
Mineral rights are owned by <u>Same</u>	4 1/2		2530	
Address	3			Perf. top
Drilling commenced <u>7-17-65</u>	2			Perf. bottom
Drilling completed <u>8-16-65</u>	Liners Used			Perf. top
Date Shot <u>---</u> From <u>---</u> To <u>---</u>				Perf. bottom
With <u>---</u>				
Open Flow <u>---</u> /10ths Water in <u>---</u> Inch	Attach copy of cementing record.			
<u>---</u> /10ths Merc. in <u>---</u> Inch	CASING CEMENTED <u>4 1/2</u> SIZE <u>2530</u> No. Ft. <u>8-16-65</u> Date			
Volume <u>---</u> Cu. Ft.	Amount of cement used (bags) <u>60</u> cf pozmix			
Rock Pressure <u>---</u> lbs. <u>---</u> hrs.	Name of Service Co. <u>Halliburton</u>			
Oil <u>---</u> bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>---</u> FEET <u>---</u> INCHES			
WELL ACIDIZED (DETAILS)	<u>---</u> FEET <u>---</u> INCHES <u>---</u> FEET <u>---</u> INCHES			
WELL FRACTURED (DETAILS) BY <u>Dowell 8-24-65</u> with <u>250 gal. acid, 521 bbl. water, 10,000# sand</u> , average injection rate <u>19 bpm</u> , average treating pressure <u>2727 psig</u> .	<u>---</u> FEET <u>---</u> INCHES <u>---</u> FEET <u>---</u> INCHES			
RESULT AFTER TREATMENT (Initial open Flow or bbls.) <u>12,000 cf & show of oil</u>				
ROCK PRESSURE AFTER TREATMENT <u>---</u> HOURS				
Fresh Water <u>---</u> Feet <u>---</u>	Salt Water <u>---</u> Feet <u>---</u>			
Producing Sand <u>Injun</u>	Depth <u>---</u>			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			Surface	35			
Red shale			35	40			
Green shale			40	61			
Shale			61	111			
Sandy Shale			111	141			
Shale			141	170			
Red rock - shale			170	250			
Shale			250	450			
Lime shells			450	500			
Red rock			500	505			
Shale			505	750			
Sand - shale			750	780			
Shale - sand			780	830			
Shale - Lime			830	885			
Sand			885	945			
Shale - sand			945	1100			
Red rock			1100	1110			
Shale & sand			1110	1637			
Salt sand			1637	1640			
Sandy shale			1640	1701			
Sand & shale			1701	1708			
Shale			1708	1719			
Sand & shale			1719	1726			
Sand & lime			1726	1735			
Shale & Lime			1735	1759			
Sandy lime			1759	1791			
Shale & sand			1791	1856			
Sand			1856	1863			
Sand & shale			1863	2176			
Sandy shale			2176	2241			



Formation	Color	Hard or Soft	Top ⁵	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			2241	2246			
Sand & Shale			2246	2255			
Sand & shale w/lime			2255	2261			
Sand, shale, some lime			2261	2271			
Sand, shale, lime streaks			2271	2294			
Shale			2294	2297			
Sandy lime			2297	2304			
Lime - sand			2304	2306			
Sand - lime			2306	2357			
Lime			2357	2385			
Sand - lime			2385	2423			
Lime - sand			2423	2458			
Sand			2458	2490			
Black shale w/lime			2490	2507			
Shale - lime			2507	2523			
Black shale w/lime			2523	2531			
					TOTAL DEPTH		
					LOGS: Gamma Ray)		
					Neutron) Birdwell		
					Density)		
					PERFORATIONS:	2456	
						2457	
						2458	
						2465	
						2466	
						2467	

Date September 14, 1965

APPROVED QUAKER STATE OIL REFINING CORPORATION Owner

By Thomas H. Richards
Thomas H. Richards (Title) Engineer