



3.33S  
3.25W

- Fracture Before 6/5/27
  - New Location
  - Drill Deeper
  - Redrill
  - Abandonment
- 10-16-68

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

PROVEN ELEVATION U.S.G.S. B.M. CLK 507 Street Williams Store

Company QUAKER STATE OIL REF. CORP.  
 Address PARKERSBURG, WEST VA.  
 Farm E.M. BIAS HEIRS (Part of 320 Ac. Unit)  
 Tract \_\_\_\_\_ Acres 32.33 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 645.89 GR.  
 Quadrangle CHARLESTON NW  
 County KANAWHA District UNION  
 Engineer T.O. Sefton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9-14-68 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. Kan-2307-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

County Charleston  
Permit No. Kan # 2307

WELL RECORD

Oil or Gas Well Dry  
(KIND)

Company Quaker State Oil Ref Corp  
Address Box 1327, Parkersburg WVA  
Owner E. M. Bias Hrs Acres 32.33  
Location (waters) Rocky Fork  
Well No. # 1 Elev. 645.89  
District Union County Kanawha  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
General rights are owned by Raymond Bias Hrs  
Address Rocky Fork, WVA  
Drilling commenced 9-30-68  
Drilling completed 10-16-68  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13. <sup>3</sup> / <sub>8</sub>	157	(cut w/150 aka)	
10.			Size of
8 1/4 8 5/8	1758	(cut to surface)	
6%			Depth set
5-3/16 5 1/2	53606		
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 show gas in Newburg Cu. Ft.  
Back Pressure \_\_\_\_\_ lbs. hrs.  
\_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) no  
WELL FRACTURED (DETAILS) no

Attach copy of cementing record.  
CASING CEMENTED 5 1/2 SIZE 1360 No. Ft. 10-11-68 Date  
Amount of cement used (bags) 200 aka  
Name of Service Co. Dawell  
COAL WAS ENCOUNTERED AT None FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) not treated  
SHOCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
Fresh Water 140' Feet Salt Water 995, 1266, 1640 Feet  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
sand and shale			0	1470			
Big Lime			1470	1638		5386	5386
Big Injion			1638	1720		646	4650
shale			1720	4570	wtr @ 1640	4740	736
onandaga			4570	4650			
oniskany			4650	4700	show gas		5377
Helderberg			4700	4890			652
Bass Island			4890	5386			4775
Newberg Sand			5386	5395	show gas		
Mc Kenzie		Mc Kenzie	5395	5435			
		TD		5435			

