

1508

LONGITUDE 81° 15'

3.08
0.750

Company Quaker State Oil & Refg. Corp.

Address P. O. Box 1327, Parkersburg, W. Va.

Farm Pleasants County Poor Farm

Tract _____ Acres 80 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 880.9

Quadrangle Marietta - EC

County Pleasants District Grant

Engineer H. J. Johnston

Engineer's Registration No. 2492

File No. _____ Drawing No. _____

Date May 4, 1964 Scale 1" = 495'

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

WELL LOCATION MAP

FILE NO. PLEAS-626

+ 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 24

Quadrangle Marietta

WELL RECORD

Permit No. Pleas. - 626

Oil or Gas Well Gas
(KIND)

Company Quaker State Oil Refining Corp.
Address Box 1327, Parkersburg, W. Va.
Farm Pleasants County Poor Farm Acres 80
Location (waters) Ohio River
Well No. One Elev. 880.9
District Grant County Pleasants
The surface of tract is owned in fee by County Court
Pleasants Count. Address St. Marys, 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	16'	16'	
10	141'	141'	Size of
8 3/4	474'	474'	
6 5/8	1237'	1237'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 6-4-64
Drilling completed 6-23-64
Date Shot _____ From _____ To _____
With _____

Open Flow 10/10ths Water in 1 inch Orifice at 1156' = 24,789 cu. Ft.
20/10ths Merc. in 1/2 inch Orifice at 1565' = 8,106 cu. Ft.
Volume 32895 Cu. Ft.

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

Rock Pressure 20 lbs. 12 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

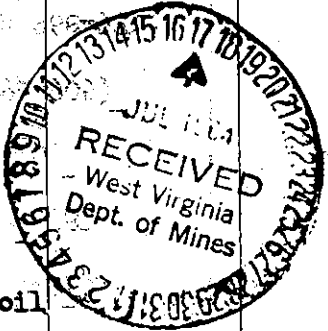
WELL FRACTURED _____

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water None Feet _____ Salt Water 809 - 820 2 Bailers /hour

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface				16			
Stone			16	20			
Slate			20	35			
Red Rock			35	60			
Lime			60	75			
Red Rock			75	80			
Shale			80	106			
Red Rock			106	115			
Shale			115	144			
Lime			144	150			
Shale			150	154			
Sand			154	162	Show of oil		
Shale			162	175			
Red Rock & Shale			175	209			
Lime			209	218			
Shale			218	225			
Red Rock			225	248			
Sand			248	253			
Shale			253	258			
Sand & Shale			258	275			
Sand			275	295			
Sandy Shale			295	346			
Sand			346	405	Smell of oil		
Shale			405	444			
Sand			444	483	(Show of oil	450-460)	
Shale			483	486			
Sand			486	500	(Show of oil	489-500)	
Shale & Lime			500	525			
Shale & Shells			525	552			



Formation	Color	Hard or Soft	Top <i>24</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			552	572			
Shale			572	639			
Sand <i>1st</i>			639	683	(Show oil 642')		
Shale			683	694			
Sand			694	715	(Show oil 700-710)		
Shale			715	733			
Sand <i>2nd</i>			733	800	(Show oil 776-787)		
Shale			800	808			
Sand			808	820	(Water 809-820)		
Sand & Shale			820	891			
Sand <i>3rd</i>			891	929	(Show oil 894-905)		
Shale			929	936			
Sand <i>4th</i>			936	1012	(Sand (Break 968-971)		
Shale			1012	1015			
Sand <i>5th</i>			1015	1040	(Hard Lime)		
Sand <i>6th</i>			1040	1130	(Show oil)		
Shale Break			1130	1136			
Sand <i>7th</i>			1136	1182	(Gas 1156-1160)		
Sand & Shale			1182	1197	(Break 1160 - 1163)		
Logged 1237)			1197	1228			
Lime			1228	1235			
Shale			1235	1288			
Lime			1288	1298			
Shale & Sandy Shells			1298	1408			
Shale			1408	1445			
Shale & Shells			1445	1565			
Sand <i>8th</i>			1565	1580			
Sandy Shale <i>Hamp</i>			1580	1598			
Total Depth			1598	1626			

Logged by Birdwell 6-15-64 - Gamma, Neutron, Density, Caliper, Temperature & Guard to 1237'

Well shut down awaiting orders

Date July 16, 1964

APPROVED Quaker State Oil Refining Corp., Owner

By *Walter H. King*
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Marietta

Permit No. **Pleas. - 626**

WELL RECORD

Oil or Gas Well

Gas
(KIND)

Company	Address	Farm	Location (waters)	Well No.	District	County	The surface of tract is owned in fee by	Mineral rights are owned by	Drilling commenced	Drilling completed	Date Shot	With	Open Flow	Volume	Rock Pressure	Oil	WELL ACIDIZED (DETAILS)	WELL FRACTURED (DETAILS)	RESULT AFTER TREATMENT (Initial open Flow or bbls.)	ROCK PRESSURE AFTER TREATMENT	Fresh Water	Producing Sand	
Quaker State Oil Refining Corp.	Box 1227, Parkersburg, W. Va.	Pleasants County Poor Farm	Chic River		Grant	Pleasants	County Court Pleasants County	Same	6-4-64	5-7-65			10/10ths Water in 1 in. Orifice at 1156' 20/10ths Merc. in 1/4 in. Orifice at 1565'		20 lbs.				4-30-65 by Dowell, using 44,000 lb. sand and 33,000 gal. water	20,000 cf and 10 bbl. water	48 hours	None	Injun

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	16'	16'	
13	141'	141'	Size of
10	474'	-	
8 3/4	1237'	-	Depth set
6 3/8	-	1230'	
5 3/16			Perf. top
4 1/2			Perf. bottom
3	2" tubing 1225'	1225'	Perf. top
Liners Used			Perf. bottom

Attach copy of cementing record.
 CASING CEMENTED 5 1/2" SIZE 1230' No. Ft. 4-22-65 Date
 Amount of cement used (bags) w/203 CF of cement
 Name of Service Co. Dowell
 COAL WAS ENCOUNTERED AT None FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

See Well Record dated 7-16-64 for Lithology

Perforations:

Top	Bottom
1084	1152
1085	1153
1086	1158
1094	1165
1095	1168
1096	1173
	1175

