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MGRRE_PureOilScoutTickets_Richter, Otto_1_21017119450000

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API 21017119450000

Permit Number 11945

Lease Name Richter, Otto

Well Number 1

County Bay

Township 15N

Range 04E

Section 36

2021 DEQ or Pure co_name Muskegon Development Company

Pure Number 238

Latitude 43.6592537

Longitude -83.9483641

THE PURE OIL COMPANY
LOCATION REPORT

Date October 31, 1945 A.F.E. No. Otto Richter
 Division Michigan Producing District _____ Lease Otto Richter
 Acres _____ Lease No. _____ Elevation _____ Well No. 1 (Serial No. 238)
 Quadrange N $\frac{1}{2}$ -NW-SW Sec. 36 Twp. 15 N Rge. 4 E BOK. Kawkawlin
 DISE. Kawkawlin
 Survey _____ County Bay State Michigan
 Operator Gulf Ref. Co. Map Kawkawlin Township, Bay County

370 370 Feet from North Line of Lease
 " " East " " "
 " " South " " "
542 542 " " West " " "
370 370 Feet from North Line of Section
 " " East " " "
 " " South " " "
542 542 " " West " " "

LEGEND

- ☀ Gas Well
- Oil Well
- ☀ Gas - Distillate Well
- ∅ or ○ Dry Hole
- Dry Showing Oil
- Location
- ☀ Dry Showing Gas
- ⊗ Abandoned Location
- ☀ or ☀ Abandoned Gas Well
- or ● Abandoned Oil Well
- or ○ Input Well



Scale _____

Remarks: _____

Submitted by _____ Civil Engineer Approved by _____ Division Manager
 _____ Approved by _____ Vice-President - General Manager

The Pure Oil Company
 COMPLETION RECORD OF WELLS DRILLED BY OTHER OPERATORS

Michigan Producing Division

Date January 9, 1946 No. 238
 State Michigan Co. Bay ~~XXXXXX~~ Dist. Kawkawlin Twp. 36 Sec. 15 N Rge. 4 E
 Well No. 1 Serial No. 238 Farm Otto Richter Acres _____
 Operator Gulf Refining Company
 Date started 11-5-45 Date completed 12-14-45 Elevation 603.2

PRODUCTION RECORD

1st 24 hours natural 2300 ft. Oil in Hole.
 Date of shot 12-27-45 and 1-2-46 No. of quarts _____ From _____ To _____ From _____ to _____
 Date of acid 1-2-46 No. of gallons 1500
 1st 24 hours after acid shot Pumped 120 Barrels
 Completed as: Oil Well Gas Well _____ Dry Hole _____

FORMATION AND CASING RECORD

Formation	Top	Bottom	Top Pay	Bottom Pay	Remarks	Casing	
						Size	Set at
Coldw. Red Rock	1385	1390	(-782)			10"	118
Sunbury	1523	(-920)				8-1/4"	775
Berea	1551 SIM	(-948)			2 ba. salt water per hour at 1650.	5-3/16"	2799
Antrim	1743	(-1140)			(-1047)		
Traverse Lime	2083 SIM	(-1480)					
Dundee	2779 "	(-2176)	2845	2860	(-2242)		
			2889	2894	(-2286)		
Total Depth		2929	(-2326)				

Remarks _____

Signed D. C. Shackelford