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MGRRE_PureOilScoutTickets_THOMAS, ALBERT & Gratiot COUNTY ROAD COMM._1_21057097980000

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**MGRRE_PureOilScoutTickets_THOMAS, ALBERT & Gratiot COUNTY ROAD
COMM._1_21057097980000**

API 21057097980000

Permit Number 9798

Lease Name THOMAS, ALBERT & Gratiot COUNTY ROAD COMM.

Well Number 1

County Gratiot

Township 12N

Range 3W

Section 31

2021 DEQ or Pure co_name CHARTIERS OIL CO

Pure Number 213

Latitude 43.39278

Longitude -84.70779

The Pure Oil Company
THE PURE OIL COMPANY
LOCATION REPORT

A.F.E. No. _____

Date 9-23-42

Division Michigan Producing District _____

Lease Albert E. Thomas & Gratiot Road Comm.
A. E. Thomas & Gratiot Road Comm.
(Community)

Acres _____ Lease No. _____ Elevation _____ Well No. 1 (Serial No. 213)

Quadrangle NE NE NE - NE Sec. 3B1 Twp. 13 N Rge. 3 W ~~Dist~~ ~~Dist~~ Twp. Pine River River

Survey _____ County Gratiot State Michigan

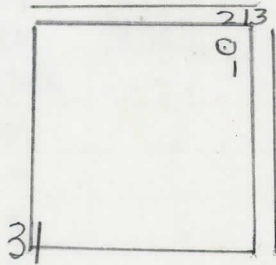
Operator The Chartiers Oil Co Map Pine River Township, Gratiot County

330	330	Feet from North Line of Lease
330	330	" " East " " "
		" " South " " "
		" " West " " "
330	330	Feet from North Line of Section
330	330	" " East " " "
		" " South " " "
		" " West " " "

Loc

LEGEND

- Location
- ☉ Gas Well
- Oil Well
- ☉ Gas - Distillate Well
- or ○ Dry Hole
- or ● Dry Showing Oil
- ☉ 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

COMPLETION RECORD OF WELLS DRILLED BY OTHER OPERATORS

Michigan Producing Division

Date November 25, 1942 No. 213
 State Michigan County Gratiot District Pine River Twp. Pine River Sec. 31 Twp. 12 N Rge. 3 W
 Well No. 1 (Serial No.) (County No.) 213 Farm Thomas, et al (Comm.) Acres _____
 Operator The Chartiers Oil Company Information secured from Scouting Department By _____
 Date well started 10-6-42 Date well completed 11-18-42 Elevation 750.3

PRODUCTION RECORD

1st 24 hours natural Dry Hole
 2nd 24 hours natural _____
 Date of shot _____ No. of quarts _____ From _____ to _____ From _____ to _____
 Date of acid _____ No. of gallons _____
 1st 24 hours after acid shot
 2nd 24 hours after acid shot

FORMATION AND CASING RECORD

Formation	Top	Bottom	Top Pay	Bottom Pay	Remarks	Casing	
						Size	Set at
Brown Dolomite	937	949	S.L.M.			10"	528
Stray	985	990	Sample & S.L.M.			8-1/4"	778
Marshall	1014	Sample			H.F.W. 1036.	6-5/8"	1300
Red Rock	1085	1271	S.L.M.			5-3/16"	3270
Sunbury	2296	S.L.M.					
Berea	2320	"					
Antrim	2347	"					
Traverse Form.	2749	"					
Traverse Lime	2761	"			1600 ft. salt water 2882-2900.		
Dundee	3285	S.L.M.			700 ft. black salt water at 3301'.		
Total Depth		3301					

Remarks 225 ft. water in 24 hours from 1300' to 1487'.
963' CTM equals 967' SIM; 2772' CTM equals 2774' SIM.

Signed D. C. Shackelford