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MGRRE_PureOilScoutTickets_Chemical State Savings Bank_1_21111012580000

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MGRRE_PureOilScoutTickets_Chemical State Savings Bank_1_21111012580000

API 21111012580000

Permit Number 1258

Lease Name Chemical State Savings Bank

Well Number 1

County Midland

Township 13N

Range 02E

Section 21

2021 DEQ or Pure co_name Atha, Hunter

Pure Number 209

Latitude 43.51245

Longitude -84.23703

DATE **2-25-32**

THE PURE OIL COMPANY

LOCATION REPORT

No. **-209-**STATE **Michigan** COUNTY **Midland** DIST. **Ingersol** SEC. **21** TOWN **13-N** RANGE **2-E**WELL No. **1** (SERIAL No. **209**) FARM **Chemical State Savings Bank** ACRES **40**NAME OF STREAM OR WATERS QUADRANGLE **Sw¹ - SE¹**OPERATOR **W. Hunter Atha et al** MAP

Feet from North Line of Farm

" " East " " "

660 " " South " " "**660** " " West " " "

Feet from North Line of Section

" " East " " "

660 " " South " " "**1980** " " West " " "LEGEND

O LOCATION

① RIG

⊕ DRILLING

⊗ GAS WELL

● OIL WELL

⦿ SMALL OIL WELL

⦿ DRY HOLE

⦿ DRY SHOWING OIL

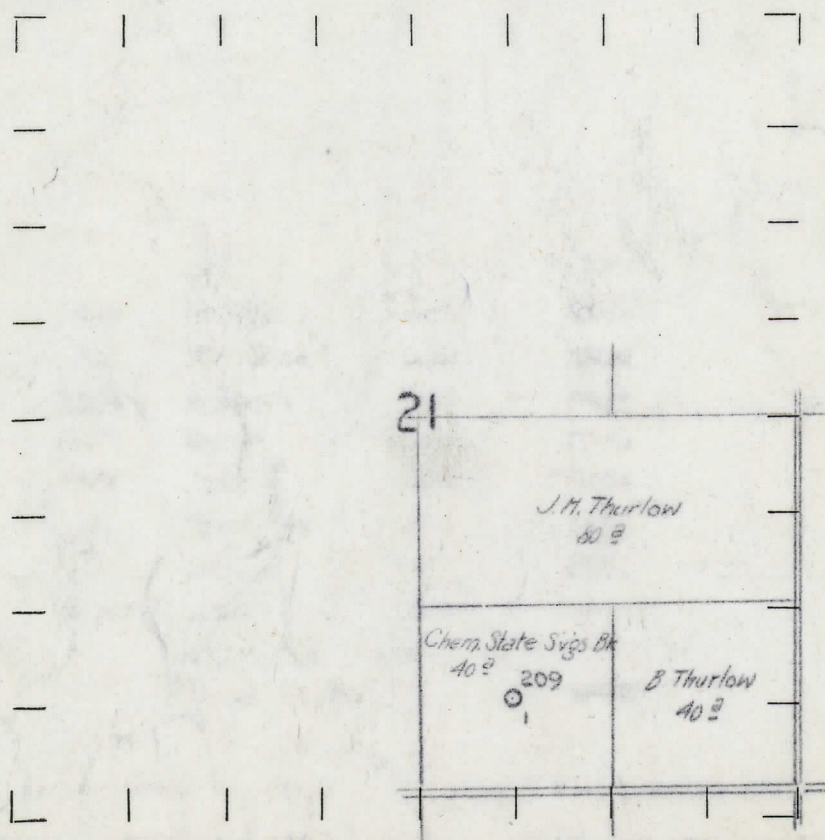
⦿ DRY SHOWING GAS

⦿ ABANDONED LOCATION

⦿ ABANDONED GAS WELL

⦿ ABANDONED OIL WELL

NOTE: Below make tracing from map, (when no map is obtainable make sketch) showing farm, center of section, this location with measurements and also wells, dry holes, or other locations in the vicinity of this location. Make copy to keep for reference and send original to Columbus office.



REMARKS:

SIGNED

Superintendent or Foreman.

DATE 8-20-32

THE PURE OIL COMPANY

No. -308-

DATE 8-20-32

Michigan Producing DIVISION
COMPLETION RECORD

No. -209-

STATE Michigan COUNTY Midland DIST. TWP. Ingersoll SEC. 21 TOWN 13-N RANGE 2-E

WELL No. 1 (SERIAL No. 209) FARM Chemical State Savings Bank ACRES

NAME OF STREAM OR WATERS QUADRANGLE SW $\frac{1}{4}$ - SE $\frac{1}{4}$

OPERATOR W. Hunter Atha MAP Ingersoll Twp. Midland Co.

LOCATION REPORT SENT IN (DATE) 2-26-32

WELL STARTED (DATE) 4-9-32 WELL COMPLETED (DATE) 8-16-32

DRY HOLE

ABANDONED WELL

DRY HOLE

ABANDONED WELL

Elevation 642.

CROSS OUT THREE OF THE ABOVE
WELL RECORD

DATE OF SHOT NUMBER OF QUARTS

1st 24 HOURS PRODUCTION Dry Hole BARRELS OR FEET

2nd " " " " " "

3rd " " " " " "

4th " " " " " "

5th " " " " " "

SAND AND CASING

CASING SIZE	WEIGHT	CASING Feet Inches	SAND Name and Nature	TOP	BOTTOM	TOP PAY	BOTTOM PAY	SALT WATER
14"		217'	Marshall	1100'	1170'			
10"		309	Red Rock	1170	1215			
8 $\frac{1}{4}$ "		1356	Sunbury	2263	2288			
6-5/8"		3174	Berea	2288	2365			
3" tubing		4662	Antrim	2435	2834			
			Traverse	2834	3220			
			Dundee	3445	3550			
			Upper Monroe	3550	4607		H.F.	3555-3565
			Sylvania	4607				
			Total Depth		4662'			

REMARKS 5 Bailers water per screw at 3540'. Hole full black water 3555 - 3565'. Hole full salt water 4205' - Show gas 4637 - 4651'. - Show oil 4651 - 4657'. Ran 3" tubing with packers to test out shows in Sylvania. Found a very light show of oil and gas with some water in this formation. Complete log attached.

DESCRIPTION	QUANTITY	MAKE	SIZE	MATERIAL
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LIST OF MATERIAL CHARGEABLE TO WELL NO.

OUR MIDLAND #209

OPERATOR: W. HUNTER ATHA

Well started 2-26-32

Completed 8-16-32

CASING

14"	217'
10"	309
8 1/4"	1356
6-5/8"	3174

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
0'	100'	Sand
100	200	Mud
200	210	Gravel
210	250	Mud
250	260	Gravel
260	310	Mud
310	325	Gray shale
325	430	Black shale
430	470	Lime
470	510	Black shale
510	560	Sand
560	600	White shale
600	710	Blue shale
710	760	Sand
760	900	Gray shale
900	915	Gyp.
915	930	Lime
930	970	Blue shale
970	990	White shale
990	1010	Blue shale
1010	1030	Sand
1030	1050	Blue shale
1050	1064	Lime
1064	1084	Red Rock
1084	1100	Gray shale
1100	1170	Marshall sand
1170	1215	Red Sand
1215	1221	Blue shale
1221	1260	Red Rock
1260	1265	Blue shale
1265	1270	Red Rock
1270	1275	Blue shale
1275	1312	Red Rock
1312	1321	Gray shale
1321	1337	Red Rock
1337	1375	Blue shale
1375	1395	Red Rock
1395	1460	Gray shale
1460	1533	Red Rock
1533	2248	Gray shale
2248	2263	Red Rock
2263	2288	Brown shale
2288	2365	Berea sand
2365	2435	White shale
2435	2834	Black shale
2834	3159	Traverse lime
3159	3174	Blue slate
3174	3220	Traverse lime
3220	3445	Blue slate
3445	3540	Dundee lime

5 Bailers water 3540'

3540	3645	Gray lime	Top Monroe 3550'	Hole full black water 3555'.
3645	3900	Brown lime		
3900	3925	Gray lime		
3925	3950	Rock salt		
3950	4098	Gray lime		
4098	4118	Blue sand	(Probably Lime)	
4118	4155	Gray lime		
4155	4165	Brown lime		
4165	4180	Blue sand	(Probably Lime)	
4180	4200	Brown lime		
4200	4245	Gray lime	Water 4205'	
4245	4315	Blue lime	Gritty	
4315	4365	Brown lime		
4365	4405	Gray lime		
4405	4430	Brown lime		
4430	4450	Gray lime		
4450	4607	Brown lime		
4607		Sylvania sand		
4637	4651	Show gas		
4651	4657	Show oil		
	4662	Total depth		