

December 3, 1962

Deviation Report of J. L. Reed Estate No. 1
Section 3, Township 15-S, Range 35-E in
Lea County, New Mexico

350'	1/4°
1000'	1°
1600'	3/4°
1990'	1°
2674'	1/4°
3530	1 1/4°
3700	1 1/2°
4500	1 3/4°
5036	1/4°
5235	1 3/4°
5445	1 1/2°
6050	1 1/2°
6210	1 1/2°
6360	3/4°
6720	3/4°
6870	1°
7040	3/4°
7240	3/4°
7350	3/4°
7750	3/4°
7880	3/4°
8030	1°
8340	3/4°
8560	1°
8735	1°
8960	3/4°
9070	3/4°
9250	3/4°
9440	1/4°
9600	1°
9875	1°
10,010	1 1/4°
10,320	3/4°
10,595	1/4°
10,775	1°
10,990	1°
11,135	1°
11,440	1 3/4°

Signed by: W. E. Hattenbury

1341 6 10-1000C

Specialist report of J. L. Reed, Kansas City, Missouri, dated 11-11-1941, Range 11-11-1941

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1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 spectrophotometer. The concentration of chlorophylls was expressed in $\mu\text{g mL}^{-1}$ of the sample.

STATE OF TEXAS

COUNTY OF Midland before me the undersigned authority, on this day personally appeared W. E. Wittenburg known to me to be the person whose name is subscribed to the above instrument who, being by me duly sworn that he is authorized to make the above report and that said report is true and correct.

Subscribed and sworn to before me this 3 day of December 1962:

Robert Ann Jamison Notary Public in and for Midland County, Texas
Robert Ann Jamison

STATE OF TEXAS

COUNTY OF _____ Midland _____ before me the undersigned authority, on this
day personally appeared _____ W. E. Willenburg _____ known to me to be the person
whose name is subscribed to the above instrument who, being by me duly sworn
that he is authorized to make the above report and that said report is true and
correct.

Subscribed and sworn to before me this _____ day of December 1963:

Notary Public in and for Midland County, Texas
Robert Ann Jamison

NUMBER OF COPIES RECEIVED	
DATE RECEIVED	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
PRODUCTION OFFICE	
OPERATOR	

Checked 7/2/62
Open 6-12

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

Midwest Oil Corporation

(Company or Operator)

J. L. Read Estate

(Lease)

Well No. 1, in NW 1/4 of SW 1/4, of Sec. 3, T. 15-S, R. 35-E, NMPM.

Wildcat

Pool,

Lea

County.

Well is 1980' feet from South line and 1980' feet from East line

of Section 3. If State Land the Oil and Gas Lease No. is

Drilling Commenced 9-2-62, 1962. Drilling was Completed 10-25-1962.

Name of Drilling Contractor Warton Drilling Company

Address Box 2807 Odessa, Texas

Elevation above sea level at Top of Tubing Head 4,000. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from None to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to feet

No. 2, from to feet

No. 3, from to feet

No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	35.6	New	362'	Larkin			
8 5/8"	24 & 32#	New	4690'	Baker			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	362	450	Pump		
11"	8 5/8"	4690	500	Pump		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Dry Hole.

Result of Production Stimulation

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to 11506 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing Dry Hole, 19____

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____ % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity _____

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates..... <u>3052 (-950)</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres..... <u>4590 (-588)</u>	T. Granite.....	T. Dakota.....	
T. Glorieta..... <u>6130 (-2128)</u>	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs..... <u>7379 (-3377)</u>	T.	T.	
T. Abo..... <u>8122 (-4120)</u>	T.	T.	
T. Penn..... <u>11160 (-6962)</u>	T.	T.	
T. Miss.....	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	4610	4610	Evaporites: Salt, Anhydrite and gypsum.				
4610	7379	2769	Limestone and dolomite				
7379	7510	131	Sand				
7510	8120	610	Dolomite				
8120	8500	480	Green and red shales				
8500	9760	960	Dolomite				
9760	11506	1746	Interbedded limestone, gray shale, some chert and dolomite.				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Midwest Oil Corporation
Name W. E. Wittenburg

W. E. Wittenburg 11-30-62
Address 1500 Wilce Bldg., Midland, Texas
Position or Title District Clerk