



AREA 640 ACRES  
LOCATE WELL CORRECTLY

### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

MAY 20 1957

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.

Malco Refineries, Inc  
(Company or Operator)

William Stirling, Jr  
(Lease)

Well No. 1, in SW 1/4 of SW 1/4, of Sec. 6, T. 18N, R. 27E, NMPM.

Red Lake Pool, Eddy County.

Well is 810 feet from South line and 960 feet from West line

of Section 6. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced May 5, 1957. Drilling was Completed May 20, 1957.

Name of Drilling Contractor Donnelly Drilling Company

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3381'. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

#### OIL SANDS OR ZONES

No. 1, from 1664' to 1710' 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 \_\_\_\_\_ 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
8-5/8"	24	New	1181	Guide	Cemented	None	Artesian water string
5 1/2"	14	New	1775	Guide	Cemented	164-70'	Oil string
						167-82'	
						168-96'	
						1700-10'	

#### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	1181'	450	Pump and plug	Cemented	
7 7/8"	5 1/2"	1775'	160	Pump and plug	Cemented	

#### RECORD OF PRODUCTION AND STIMULATION

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

Faced with 17,000 gallons, 22,500# sand, through all 144 perforations with 120 sealer balls used during job.

Result of Production Stimulation 48 barrels oil per day based on 12 barrels in 6 hours on 16/64" choke

Depth Cleaned Out 1762'

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 0 feet to 1775' T.D. feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing May 20, 1957  
 OIL WELL: The production during the first 24 hours was 53 barrels of liquid of which 90% was oil; \_\_\_\_\_% was emulsion; 10% water; and \_\_\_\_\_% was sediment. A.P.I. Gravity 37° corr.  
 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.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg 908'	T. Gr. Wash.....	T. Mancos.....
T. San Andres 1155'	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. ....	T. Morrison.....
T. Drinkard.....	T. ....	T. Penn.....
T. Tubbs.....	T. ....	T. ....
T. Abo.....	T. ....	T. ....
T. Penn.....	T. ....	T. ....
T. Miss.....	T. ....	T. ....

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	730'	730	Anhydrite and gyp with sand stringers.				
730'	860'	130	Sand with anhydrite stringers.				
860'	880'	20	Dolomite.				
880'	1155'	275	Dolomite with sand stringers.				
1155'	1775'	620	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.

May 27, 1957 (Date)  
 Company or Operator Malco Refineries, Inc. Address P. O. Box 660  
 Name J. R. McMinn Position or Title Drlg. and Prod. Supt.