

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company State NM
(Company or Operator) (Lease)

Well No. 5, in NE 1/4 of NW 1/4, of Sec 34, T 17-S, R 35-E, NMPM.
Undesignated Pool, Lea County.

Well is 1888' feet from FWL line and 660' feet from FNL line
of Section 34. If State Land the Oil and Gas Lease No. is B-273

Drilling Commenced May 29, 1957 Drilling was Completed June 9, 1957

Name of Drilling Contractor Denver Drilling Corporation

Address Odessa, Texas

Elevation above sea level at Top of Tubing Head 3940' The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 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 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	389'				Surface String
5 1/2"	14#	New	3195'			3086-3091 3068-3076	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	8 5/8"	389'	200	Pump & Plug		
6 3/4"	5 1/2"	3195'	900	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

(See Attachment)

Result of Production Stimulation

Depth Cleaned Out

1 **ORD 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 3195' feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing June 13, 19 57
OIL WELL: The production during the first 24 hours was 92 barrels of liquid of which 96 % was
was oil; 0 % was emulsion; 1 % water; and 3 % was sediment. A.P.I.
Gravity 36 @ 60°
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.	<u>1591'</u>			T. Devonian		T. Ojo Alamo	
T. Salt	<u>1700'</u>			T. Silurian		T. Kirtland-Fruitland	
B. Salt	<u>2707'</u>			T. Montoya		T. Farmington	
T. Yates	<u>2885'</u>			T. Simpson		T. Pictured Cliffs	
T. 7 Rivers	<u>3057'</u>			T. McKee		T. Menefee	
T. Queen				T. Ellenburger		T. Point Lookout	
T. Grayburg				T. Gr. Wash.		T. Mancos	
T. San Andres				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
<u>0</u>	<u>60</u>	<u>60</u>	<u>Sand & Gravel</u>				
<u>60</u>	<u>1530</u>	<u>1470</u>	<u>Red Bed</u>				
<u>1530</u>	<u>1665</u>	<u>135</u>	<u>Anhydrite</u>				
<u>1665</u>	<u>1955</u>	<u>290</u>	<u>Gypsum, Anhy & Red Bed</u>				
<u>1955</u>	<u>2826</u>	<u>871</u>	<u>Anhydrite & Salt</u>				
<u>2826</u>	<u>2866</u>	<u>40</u>	<u>Anhydrite w/Salt str.</u>				
<u>2866</u>	<u>2982</u>	<u>116</u>	<u>Anhydrite & Red Shale</u>				
<u>2982</u>	<u>3042</u>	<u>60</u>	<u>Shale & Anhydrite</u>				
<u>3042</u>	<u>3195</u>	<u>153</u>	<u>Coring</u>				

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.

June 17, 1957

Company or Operator Magnolia Petroleum Company
Name [Signature]

Address Box 2406, Hobbs, New Mexico
Position or Title District Superintendent

ATTACHMENT: State "M" #5

TOTCO DEVIATION SURVEY

<u>Depth</u>	<u>Degrees Off Vertical</u>
2210	3/4
2820	1
3020	1

COLE RECORD

1. 3042 - 3094 Recovered 51', 3042 - 3089 - shale & anhy - N.S.
3069 - 3075 1/2, Dolomite - Fair show - bleeding oil.
3075 1/2 - 3086 1/2 - Shale & anhy - N.S.
3086 1/2 - 3091 - Dolomite - poor show - tight - bleeding slightly
3091 - 3093 - shale - N.S.
2. 3094 - 3095 1/2, anhy - N.S.
3095 1/2 - 3097, Dolomite - good show - bleeding oil.
3097 - 3109, Anhy & shale - N.S.
3109 - 3110 1/2 - Dolomite - good show - bleeding oil.
3110 1/2 - 3113 1/2 - anhy & Dolomite - Good Show
3113 1/2 - 3133 1/2 - Anhy & Shale - N.S.
3133 1/2 - 3140, - Anhy w/Dolo. stringers - good show - bleeding oil.
3140 - 3142 - Dolomite - good show - bleeding
3142 - 3145 - Anhy & Sand - N.S.
3145 - 3146 - lost
3. 3146 - 3159 - 12' Anhy & Sand - no show
3159 - 3160 - 1' Anhy & Dolomite - fair show
3160 - 3195 - 35' Anhy, Dolomite & Sand - N.S.

DRILL STEM TESTS

None

ACIDIZING RECORD

- 6/12/1957 Cardinal Chemical Acidized Perforations (3086 - 3091) w/ 5000 gals.
in 2 stages 15% - 32 balls.
1st Stage - w/ 3000 gals. TP - 3300 - 2200#, 3 BPM - 32 balls w/10 BNO
2nd Stage - w/ 2000 gals., TP - 2800 - 2400#, - 3 BPM - 5 Min. SIP 2000#,
1 hr. - SIP 1000#, FI 40 BIC / 10 BAW in 4 hrs. - 16/64" ck. - TP - 400#,
FI 38 BNO in 3 hrs. 16/64" ck. - TP -730#.

1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

1910

1911