

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

1980'							
660'							

AREA 640 ACRES
 LOCATE WELL CORRECTLY

Magnolia Petroleum Company
 (Company or Operator)

State NM
 (Lease)

Well No. 7, in SW 1/4 of NW 1/4, of Sec. 34, T. 17S, R. 35E, NMPM.

Undesignated Pool, Lea County.

Well is 660 feet from West line and 1980 feet from North line

of Section 34. If State Land the Oil and Gas Lease No. is B-2273

Drilling Commenced August 3, 1957. Drilling was Completed August 14, 1957.

Name of Drilling Contractor Denver Drilling Corporation

Address Odessa, Texas

Elevation above sea level at Top of Tubing Head 3911'. 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"	29#	2nd Hand	393				Surface String
5-1/2"	14#	New	326 1/2			(3040-46, 3073-82, 3090-96, 3098-3102)	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	393	300	Pump & Plug		
6-3/4	5-1/2	326 1/2	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.....

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 3264 feet, and from --- feet to --- feet.
 Cable tools were used from --- feet to --- feet, and from --- feet to --- feet.

PRODUCTION

Put to Producing August 16 1957
OIL WELL: The production during the first 24 hours was 72 barrels of liquid of which 100 % was oil; --- % was emulsion; --- % water; and --- % was sediment. A.P.I. Gravity 32.5 @ 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>1570</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<u>1678</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>2710</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>2885</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.....		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	90	90	Sand & Gravel				
90	1120	1030	Red Bed				
1120	1600	480	Red Bed & Anhydrite				
1600	2750	1150	Anhydrite & Gypsum				
2750	3054	304	Anhydrite & Shale				
3054	3064	10	Dolomite				
3064	3113	49	Anhydrite & Red Shale				
3113	3126	13	Anhydrite				
3126	3248	122	Anhydrite & Shale				
3248	3264	16	Anhydrite				

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.

8-20-57
(Date)

Company or Operator Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico
 Name W.C. Daugherty Position or Title District Superintendent

Attachment: State "M" #7

Total Deviation Survey

<u>Depth</u>	<u>Degrees off Vertical</u>
1600	1/2
2750	1 1/2
2750	1 1/4
3190	1

Drill Stem Tests

None

Core Record

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Rec.</u>	<u>Description</u>
1	3010	3054	42'	5ut 44', recovered 42' anhydrite and shale, no show.
2	3074	3130	56'	3074-3082 - 8' anhydrite and shale, no show. 3082-3084 2' dolomite, brown granular, 10% inner granular porosity, good show. 3084-3116 - 32' anhydrite and red shale, no show. 3116-3121 - 5' dolomite, granular fine crystalline brown - 10% inner granular porosity, good show of oil. 3121-2130 - 9' anhydrite and shale, no show.
3	3130	3146	16'	3130-3133 - 3' anhydrite and shale, no show. 3133-3137- 4' dolomite, brown granular 10% inner granular porosity, good show. 3137-3140 - 3' anhydrite, no show. 3140 - 3142 - 2' dolomite, tan granular 10% porosity, good show. 3142-3146 - 4' anhydrite, no show.
4	3195	3249	53'	3195-3222 - 27' anhydrite and red shale, no show. 3222-3225 - 3' anhydrite w/dolomite stringers, 10% inner granular porosity, good show of oil. 3225-3232 - 7' anhydrite and shale, no show. 3232-3234 - 2' anhydrite and dolomite stringers, bleeding oil, good show. 3234-3239 - 5' anhydrite and gray shale, no show. 3239-3242 3' dolomite w/anhydrite inclusions, 10% inner granular porosity, good show. 3242-3248 - 6' anhydrite and gray shale, no show. 3248-3249 - 1' lost.
5	3249	3264	15'	3249-3250 - 1' anhydrite, no show. 3250-3252 - 2' dolomite, 10% inner granular porosity, good show oil. 3252-3259 - 7' anhydrite and shale, no show. 3259-3260 - 1' and, fair show of oil. 3260-3264 - 4' anhydrite, no show.

Acidizing or Other Completion Operation

8/15/57

Cardinal Chemical Company acidized perforations 3040-46, 3073-82, 3090-96 and 3098-3102, w/7000 gals acid in 3 stages. 1st stage: 3000 gals + 30 balls. 2nd stage: 2000 gals + 30 balls. 3rd stage: 2000 gals. Maximum Pressure 2800-2200#. Injection rate 3 BPM. 5 minutes Shut-in Pressure 2000#.

Police Activities

Percentage of Activities

1000	100
2000	100
3000	100
4000	100

Police Activities

None

Police Activities

Police Activities

<u>Police Activities</u>	<u>Percentage</u>	<u>Code</u>	<u>Code</u>	<u>Code</u>
Police Activities	100	1000	1000	1000
Police Activities	100	2000	2000	2000
Police Activities	100	3000	3000	3000
Police Activities	100	4000	4000	4000

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