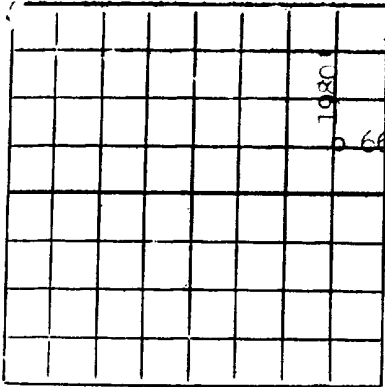




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE
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

(Company or Operator)

State Bridges

(Lease)

Well No. 90, in SE 1/4 of NE 1/4, of Sec. 10, T. 17S, R. 34E, NMPM.

Vacuum

Pool, Lea

County.

Well is 660' feet from East line and 1980' feet from North line

of Section 10. If State Land the Oil and Gas Lease No. is B-1520

Drilling Commenced July 4, 1956 Drilling was Completed July 19, 1956

Name of Drilling Contractor Denver Drilling Corporation

Address Box 669, Odessa, Texas

Elevation above sea level at Top of Tubing Head 4051
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	1670'				Surface
5 1/2	14#	New	4684'				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4	8 5/8	1670'	700	Pump & Plug		
7 7/8	5 1/2	4684'	1250	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 4734 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing July 24, 1956

OIL WELL: The production during the first 24 hours was 11 barrels of liquid of which 100% was oil; -% was emulsion; -% water; and -% was sediment. A.P.I.

Gravity 36.4

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. 1650	T. Devonian.	T. Ojo Alamo.
T. Salt 1780	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates 2920	T. Simpson.	T. Pictured Cliffs.
Brown Lime 3140	T. McKee.	T. Menefee.
P. River.	T. Ellenburger.	T. Point Lookout.
T. Queen 3880	T. Gr. Wash.	T. Mancos.
T. Grayburg.	T. Granite.	T. Dakota.
T. San Andres 4685	T.	T. Morrison.
T. Glorieta.	T.	T. Penn.
T. Drinkard.	T.	T.
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	41	41	Sand				
41	1132	1091	Red Bed				
1132	1240	108	Red Bed Streaks & Anhy.				
1240	1660	420	Red Bed & Anhy.				
1660	1670	10	Anhydrite				
1670	2025	355	Red Bed, Anhy. & Salt				
2025	3540	1515	Anhy. & Salt				
3540	3806	266	Anhy. & Salt Streaks				
3806	3892	86	Salt & Anhy. Streaks				
3892	3962	70	Lime & Anhy.				
2962	4095	133	Lime				
4095	4175	80	Anhy. & Lime Streaks				
4175	4460	285	Lime				
4460	4497	37	Hard Lime				
4497	4684	187	Lime				
4684	4696	12	Core # 1				
4696	4707	11	Core # 2				
4707	4734	27	Core # 3				

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.

7-31-56
(Date)

Company or Operator Magnolia Petroleum Company

Address Box 727, Kermit Texas

Name E. L. Blundell

Position or Title District Superintendent

ATTACHMENT - State Bridges # 90

Eastman Deviation Survey

Depth Degree Off Vertical

1080	1/2
4612	1/4

Core Record

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Rec.</u>	<u>Description</u>
1	4684	4696	12'	Dolomite, no show.
2	4696	4707	8'	Dolomite, no show.
3	4707	4734	27'	Dolomite. 4707-4711 Dolomite gray 5-10% oolitic porosity, good stain with 5% anhydrite inclusions. 4711-4712 Dolomite scattered small vugs with occasional oolitic tan staining. 4712-4715 Dolomite tan 10% oolitic good stain with 5% anhydrite inclusions. 4715-4718 Dolomite tan to gray, trace inner coarsely crystalline, fair stain. 4718-4723 Dolomite tan dense, no show. 4723-4734 Dolomite tan dense stylitic fractures with occasional dense partings, no show.

Drill Stem Tests - None

Acidizing or Other Completion Operation

7-23-56 Cardinal acidized open hole 4684-4734 with 3000 gallons 15% regular with 302 nocore chemical additive (3 gallons) TF 2900-3200-2600#, 1 hr. & 40 mins., .7 BPM, Swbd. 18 BLO (all) in 2 hrs. Slight show of gas.

7-24-56 Cardinal Re-acidized open hole 4684-4734 with 6000 gallons 15% regular. TF3000-3200, 3.7 BPM, 5 min. SIF 2200#. Swbd. 42 BLO (all) + 40 BAW in 11 hrs. 125' FIH, very slight show gas.

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

2. The second part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

3. The third part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

4. The fourth part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

5. The fifth part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

6. The sixth part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

7. The seventh part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation