

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
(Company or Operator)

State "NM"
(Lease)

Well No. 6, in NW 1/4 of SW 1/4, of Sec. 18, T. 17S, R. 35E, NMPM.

Vacuna

Pool,

Lea

County.

Well is 1980' feet from South line and 660' feet from West line

of Section 18. If State Land the Oil and Gas Lease No. is E-1527

Drilling Commenced November 15, 1956. Drilling was Completed November 28, 1956

Name of Drilling Contractor S. P. Yates Drilling Company

Address Carper Building, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 4012. 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	1767	-	-	-	Surface String
5 1/2"	15.50#	New	4690	-	-	-	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"	1767	950	Pump & Plug		
7 7/8"	5 1/2"	4690	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 test or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 4759 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing December 2, 1956

OIL WELL: The production during the first 24 hours was 56 barrels of liquid of which 100 % was
was oil; - % was emulsion; - % water; and - % was sediment. A.P.I.
Gravity. 36.8°

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.	1745	T. Devonian	T. Ojo Alamo
T. Salt.	1855	T. Silurian	T. Kirtland-Fruitland
B. Salt.		T. Montoya	T. Farmington
T. Yates	3056	T. Simpson	T. Pictured Cliffs
T. Brown Lime	3260	T. McKee	T. Menefee
T. Queen	3992	T. Ellenburger	T. Point Lookout
T. Solid Dolomite	4418	T. Gr. Wash	T. Mancos
T. San Andres	4680	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	102	102	Sand and caliche				
102	515	413	Red bed and shells				
515	955	440	Red bed and gyp				
955	1630	675	Red bed and shells				
1630	1664	34	Gyp and anhydrite				
1664	1738	74	Gyp, lime, and anhydrite				
1738	1767	29	Anhydrite				
1767	2816	1049	Gyp and anhydrite				
2816	3152	336	Salt and anhydrite				
3152	4447	1295	Gyp and anhydrite				
4447	4690	243	Lime				
4690	4698	8	Core #1				
4698	4716	18	Core #2				
4716	4728	12	Core #3				
4728	4759	31	Core #4				

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.

December 10, 1956 (Date)
Company or Operator Magnolia Petroleum Company Address Box 727, Kermit, Texas
Name E. Y. Bendall Position or Title District Superintendent

ATTACHMENT - State "K" #6

TOTGO DEVIATION SURVEY

<u>Depth</u>	<u>Degress Off Vertical</u>
600	1/4
1000	3/4
1402	2 1/2
1767	1 1/2
2270	3/4
3900	1
4418	1 1/4

CORE RECORD

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Rec.</u>	<u>Description</u>
1	4690	4698	8'	Anhydrite and dolomite. 4690-4692 - dolomite, trace of porosity, poor to fair show. 4692-4698 - dolomite and anhydrite, no show. Core barrel jammed.
2	4698	4716	16'	4698-4700 - dolomite, no show. 4700-4703 - dolomite, 10% porosity, fair show. 4703-4711 - dense dolomite, no show. 4711-4714 - dolomite, 5-15% porosity, fair show. 4714-4716 - lost.
3	4716	4728	11'	Dolomite. 4716-4717 - dolomite 5-10% porosity, poor show. 4717-4722 - dolomite 5% porosity, fair show. 4722-4725 - dolomite and anhydrite, trace of porosity. 4725-4728 - dolomite, 5% porosity, fair show.
4	4728	4759	30'	Anhydrite and dolomite and shale. 4728-4733 - dolomite and anhydrite, no show. 4733-4735 - dolomite and anhydrite, trace porosity, poor show. 4735-4740 - dolomite w/shale partings, trace of porosity, poor show. 4740-4745 - dolomite w/shale partings, trace of porosity, poor show. 4745-4748 - dolomite, no show. 4748-4758 - dolomite and shale, no show.

DRILL STEM TESTS

None

ACIDIZING OR OTHER COMPLETION OPERATION

11/30/56	Cardinal acidized open hole 4690-4759 w/5000 gallons 15% XLST Special. TP 3100-2600#. 2.4 BPM, 5 minute SIP 1600#. Swabbed 20 BLO (all) + 61 BAW in 9 hours. Fair show of gas, 800' FIH.
12/2/56	Cardinal reacidized open hole 4690-4759 w/10,000 gallons 15% XLST Special. TP 1500-3500#. 4 1/2 BPM. 5 minute SIP 2300#. Swabbed 20 BLO (all) in 2 hours, swabbed 128 BAW in 10 hours, good show of gas, 700' FIH.

