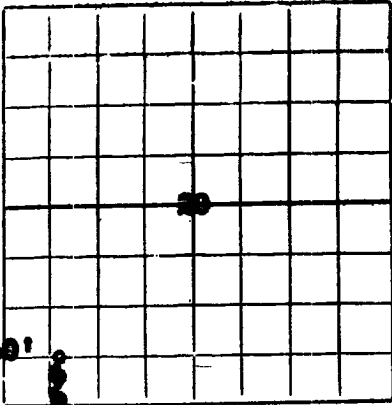


NEW MEXICO OIL CONSERVATION COMMISSION

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)

New Mex "R"

(Lease)

Well No. 1, in SW 1/4 of NW 1/4, of Sec. 20, T. 12S, R. 32E, NMPM.

Caybrook Queen

Pool,

Lea

County.

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

of Section 20. If State Land the Oil and Gas Lease No. is B-1231

Drilling Commenced March 7, 1957 Drilling was Completed March 21, 1957

Name of Drilling Contractor Yates Drilling Company

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3640' The information given is to be kept confidential until

1957

OIL SANDS OR ZONES

No. 1, from 3010 to 3020 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	363'				Surface String
5 1/2"	14#	New	3050'			3010-3020	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"	363'	225	Pump & Plug		
7 13/16"	5 1/2"	3050'	175	" "		

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 3050' feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing Dry - Plugged & Abandoned 5/31/57

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

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>1405'</u>	T. Devonian		T. Ojo Alamo			
T. Salt	<u>1520'</u>	T. Silurian		T. Kirtland-Fruitland			
B. Salt		T. Montoya		T. Farmington			
T. Yates	<u>2255'</u>	T. Simpson		T. Pictured Cliffs			
T. 7 Rivers		T. McKee		T. Menefee			
T. Queen	<u>3000'</u>	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	150	150	Surface				
150	670	520	Red bed & anhydrite				
670	975	305	Red bed, anhy. & gypsum				
975	1415	440	Red bed & shale				
1415	1550	135	Shale				
1550	1700	150	Shale				
1700	2135	435	Red bed, Salt, anhydrite				
2135	2265	130	Anhy				
2265	2363	98	Anhy, Dolomite & Lime				
2363	2413	50	Lime				
2413	2548	135	Dolomite				
2548	2736	188	Anhy & Red Bed				
2736	2850	114	Dolomite				
2850	2985	135	Dolomite & Lime				
2985	3050	65	Coring anhy & salt				

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.

January 3, 1958

Company or Operator Magnolia Petroleum Company

Address P. O. Box 2406, Hobbs, New Mexico (Date)

Name G. Young, Jr.

Position or Title District Superintendent

TOTCO DEVIATION SURVEY

<u>Depth</u>	<u>Degree Off Vertical</u>
350'	1
700'	3/4
1060'	1-1/2
2200'	1-3/4
2365'	2

DRILL STEM TESTS

None

CORE RECORD

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Log</u>	<u>Description</u>
1	2985	3015	24'	Red shale & salt, poor show. 3008-1/2- 3013-1/2, 5' sand, slight odor, trace fluorescence & good cut.
2	3015	3030	15'	Sand, 3015-3019-1/2, 4-1/2' sand, good stain, slight odor w/fluorescence throughout, 3019-1/2-3020-1/2, 1' sand, no show, 3020-1/2-3022, 1-1/2' anhydrite, no show, 3022-3030, 8' sand, no show.

ACIDIZING OR OTHER COMPLETION OPERATION

- 3-23-57 HWCO washed perf. 3010-3020' w/500 gallons acid, pump into formation 16 BPM w/2300#. Sand oil free perf. 3010-3020' w/10000 gallons sand oil, CP: 2200-2600#, S/D @ 2300#. 5 minutes SIP: 2550#, inj. rate 14.6 BPM. SI 8 hours, CI: 0#. Swab 40 BLO in 5 hours, flow 96 BLO in 20 hours 24/64" choke, TP: 150#, CP: 650#.
- 4-18-57 HWCO sand water free perf. 3010-3020' w/25000 gallons water & 25000# sand TP: 2900-2750-2800#. Average rate 29.3 BPM. SDP: 1650#, SI 6 hours, TP: 0#, CP: 0#, swab 6 BLM 5 hours.

REVERSE MORTGAGE LOAN

Depth	Device Off Vertical
350'	1
700'	3 1/4
1050'	1-1 1/2
1500'	1-3 1/4
2000'	2

STREET NAME LINE

back

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Ref.	Year	Page	Description
1	1982	3012	Red shale & silt, poor show. 3008-1/2-3013-1/2, 3' sand, slight odor, trace fluorescence & good cut.
2	1982	3030	2nd, 3012-3013-1/2, 4-1/2' sand, good stain, slight odor w/fluorescence throughout, 3012-1/2-3030-1/2, 1' sand, no show, 3030-1/2-3032, 1-1/2' sand, no show, 3032-3033, 3' sand, no show.

MULTIPLISSO KONTAKSMOOS JEMTO AO DEISIEMO

3-23-57	12000 washed perf. 3010-3020' w/200 gallons sand, pump into formation 12 BPM w/2300'. Sand off first perf. 3010-3020' w/10000 gallons sand off, CP: 2300-2600', 2 1/2 minutes SIP: 2550', Int. rate 14.6 BPM, 21 8 hours, CP: 04, Swap 40 H2O in 2 hours, flow 95 H2O in 20 hours 12000' choke, CP: 2500', CP: 2500'
4-18-57	12000 sand water first perf. 3010-3020' w/25000 gallons water & 25000' sand CP: 2500-2800', Average rate 29.3 BPM, SIP: 1650', 21 6 hours, CP: 04, CP: 04, Swap 6 H2O in 2 hours.