

NEW MEXICO OIL CONSERVATION COMMISSION

1000 S. 1st St. Santa Fe, New Mexico

DEC 7 PM 2 19

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

660' •
1
9
8
0'

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company
(Company or Operator)

New Mex "J"
(Lease)

Well No. 1, in NW 1/4 of SW 1/4, of Sec. 36, T. 15 S., R. 36 E., NMPM.

Dean (Perno Pump)

Pool, Lea

County.

Well is 660 feet from West line and 1980 feet from South line of Section 36. If State Land the Oil and Gas Lease No. is E-1125-2

Drilling Commenced October 3, 1956. Drilling was Completed November 27, 1956.

Name of Drilling Contractor Helmerich & Payne, Inc.

Address National bank of Tulsa bldg., Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3855'. 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
13 3/8"	48#	New & Used	440'				Surface String
9 5/8"	40 & 36#	New	4971'				Intermediate String
7"	23, 26, 29, & 32#	New & Used	11636'			(11530-11582)	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
17 1/2"	13 3/8"	440'	425	Pump & Plug		
12 1/4"	9 5/8"	4971'	2720	Pump & Plug		
8 3/4"	7"	11636'	1550	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 11636' feet, and from - feet to 0 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 364 barrels of liquid of which 100% was oil; -% was emulsion; -% water; and -% was sediment. A.P.I. Gravity 42.4

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.	2070		T. Devonian		T. Ojo Alamo
T. Salt	2165		T. Silurian		T. Kirtland-Fruitland
B. Salt	3110		T. Montoya		T. Farmington
T. Yates	3228		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	4885		T. Granite		T. Dakota
T. Glorieta	6550		T. Dean Penn Datum	11510	T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs	7710		T.		T.
T. Abo	8450		T.		T.
Penn.	9750		T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	589	589	Red Bed	10924	10953	29	Chert & Lime
589	1608	1019	Red Bed & Gravel	10953	11026	73	Cherty Lime
1608	1955	347	Red Bed & Streaks Anhy.	11026	11056	30	Lime & Chert Streaks
1955	2120	165	Red Bed & Anhydrite	11056	11063	7	Lime
2120	2375	255	Anhydrite	11063	11278	215	Lime & Shale
2375	3038	663	Anhydrite & Salt	11278	11490	212	Shale
3038	3210	172	Anhy. & Salt Streaks	11490	11515	25	Shale & Lime
3210	3381	171	Anhy. & Salt	11515	11523	8	Lime, Shale & Sand
3381	3563	182	Anhy. & Salt Streaks	11523	11636	113	Lime
3563	3680	117	Anhydrite	Strapped Drill Pipe 11625-11636			
3680	3740	60	Anhy. & Salt Streaks				
3740	4640	900	Anhy. & Gyp				
4640	4760	120	Anhy.				
4760	4783	23	Anhy. & Gyp				
4783	4873	90	Shale & Anhydrite				
4873	4934	61	Lime & Anhydrite				
4934	10415	5481	Lime				
10415	10503	88	Lime & Shale				
10503	10512	9	Lime				
10512	10555	43	Lime & Shale				
10555	10772	217	Lime				
10772	10829	57	Cherty Lime				
10829	10886	57	Chert & Lime				
10886	10924	38	Cherty Lime				

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.

Company or Operator Magnolia Petroleum Company Address Box 727, Kermit, Texas
Name E. B. Brundell Position or Title District Superintendent
12-5-56 (Date)

ATTACHMENT - New Mex "J" # 1

Section 6 - Totop Deviation Survey

<u>DEPTH</u>	<u>DEGREE OFF VERTICAL</u>	<u>DEPTH</u>	<u>DEGREE OFF VERTICAL</u>
150	1/2	7680	1 3/4
435	1/4	7725	2
2800	3/4	7950	1 1/2
3290	1 3/4	8070	2
3400	1 1/2	8160	1
3500	1/2	8300	1 1/2
3735	1 1/2	8675	2
3810	1 1/4	9190	1 1/2
4215	3/4	9595	1 3/4
4300	1 1/4	9650	1 1/2
4490	1	9780	1 1/4
4700	1/2	9930	1
5050	1/4	10000	1 1/2
5300	3/4	10310	1 1/4
5440	1/2	10500	1
5600	3/4	10570	1 1/4
5675	1	10700	1
6250	1 1/2	10775	1 1/4
6525	1 1/4	10880	1
6820	1 1/2	11130	3/4
7035	1 1/4	11270	1/4
7396	1 1/2	11390	1 1/4
7480	1 3/4	11510	1
7530	1 1/2		

Section 7 - Core Record - None

Section 4 - Drill Stem Test

<u>No.</u>	<u>Date</u>	<u>From</u>	<u>To</u>	<u>No. Kind & Size of Perforations (Or Open Hole)</u>	<u>Tool Set @</u>	<u>Chokes Top Bottom</u>	<u>Water Quabion</u>	<u>Time Tested</u>
1	11-12-56	10450	10503	Open Hole	10450	Packer failed immediately.		
2	11-12-56	10450	10503	Open Hole	10450	5/8 1"	None	2 hrs.
	(Penn) NTS, Rec. 30' of drlg, mud + 5046' of salt wtr., no oil or gas. SFP 0#, BHFP 2460#, 15 min. SIP 3880#, HH 5045 in & out.							
3	11-15-56	10673	10744	Open Hole	10673	5/8 1"	None	3 hrs.
	(Wolfcamp) Gas to surface in 4 mins., mud to surface in 1 hr., & 20 mins., oil to surface in 1 1/2 hrs. Cleaned to pits in 10 mins. Fl. 42 BNO in 2 hrs. GOR 1602-1, Gr. 40.1 @ 60°. SFP 130#, BHFP 417-1130#, 30 min. SIP 3390#, HH 5240 in & out.							
4	11-26-56	11512	11566	Open Hole	11512	5/8 1"	1075'	2 hrs, 48 mins.
	(Penn) Gas to surface in 12 mins., W.C. to surface in 32 mins., mud in 41 mins., oil in 43 mins. Cleaned to pits 5 mins. Fl. 104 BNO in 2 hrs. GOR 1400-1, Gr. 42.2 @ 60°, SFP 260-405, BHFP 2265, 30 min. SIP 3290#, HH 5440-5370#.							

Section 9 - Acidizing or Other Completion Operation - None

SECRET - ~~TOP SECRET~~ - 100-100000

1981 2015 1144 - 10000

[illegible]

CONFIDENTIAL - SECURITY INFORMATION