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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 QUINTUPPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company Santa Fe Pacific "NG"
(Company or Operator) (Lease)

Well No. 1, in SW 1/4 of NW 1/4, of Sec. 35, T. 9S, R. 36E, NMPM.

Crossroads Pool, Lea County.

Well is 1650' feet from North line and 330 feet from West line of Section 35. If State Land the Oil and Gas Lease No. is -

Drilling Commenced 6-19, 1958. Drilling was Completed 9-23, 1958.

Name of Drilling Contractor Magnolia Petroleum Company

Address Box 633, Midland, Texas

Elevation above sea level at Top of Tubing Head 4016. The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 12190' to 12200'. 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
10-3/4"	32.75#	New	432'				Surface String
7-5/8"	26.40#	New	4985'				Intermediate String
5-1/2"	17#	New	7370'				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
15"	10-3/4"	432	400	Pump & Plug		
9-7/8"	7-5/8"	5,000	2500	Pump & Plug		
6-3/4"	5-1/2"	12,190	525	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

CORD OF DRILL-STEM AND SPECIAL T1

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 12,200' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 10-7, 19 58
OIL WELL: The production during the first 24 hours was 343 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 43.5° @ 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.	2205'	T. Devonian	12030	T. Ojo Alamo	
T. Salt.	2315'	T. Silurian	12150	T. Kirtland-Fruitland	
B. Salt.	2744'	T. Montoya		T. Farmington	
T. Yates	2868'	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee	
T. Queen	3580'	T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres	4116'	T. Granite		T. Dakota	
T. Glorieta	5559'	T.		T. Morrison	
T. Drinkard		T.		T. Penn.	
T. Tubbs	6933'	T.		T.	
T. Abo	7696'	T.		T.	
T. Permian	8940'	T.		T.	
T. Penn.	9647'	T.		T.	
T. Miss.	11630'	T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2137	2137	Red Bed	11307	11326	19	Lime & Shale
2137	2502	365	Red Bed & Salt	11326	11336	10	Lime
2502	2957	455	Red Bed, Salt & Anhydrite	11336	11401	65	Lime & Shale
2957	3278	321	Anhydrite & Salt	11401	11415	14	Lime
3278	3560	282	Anhy., Gyp & Salt Stringers	11415	11471	56	Lime & Shale
3560	3840	280	Anhydrite & Gyp	11471	11520	49	Lime, Shale & Sand
3840	3976	136	Lime, Anhydrite & Gyp	11520	11539	19	Lime
3976	4302	326	Anhydrite & Lime	11539	11585	46	Lime & Shale
4302	7680	3378	Lime	11585	11622	37	Lime
7680	7742	62	Lime & Shale	11622	11635	13	Lime & Shale
7742	8027	285	Shale	11635	11675	40	Lime & Chert
8027	8472	445	Lime & Shale	11675	11685	10	Sandy Lime
8472	9009	537	Lime	11685	11745	60	Lime
9009	9033	24	Lime & Chert	11745	11934	189	Lime & Chert
9033	9044	11	Lime	11934	12075	141	Lime
9044	9058	14	Lime & Sand	12075	12107	32	Lime & Sand
9058	10911	1853	Lime	12107	12135	28	Lime, Sand & Shale
10911	10984	73	Lime & Shale	12135	12200	65	Lime & Shale
10984	11030	46	Lime				
11030	11086	56	Lime & Shale				
11086	11100	14	Lime				
11100	11160	60	Lime & Shale				
11160	11212	52	Lime				
11212	11291	79	Lime & Shale				
11291	11307	16	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.

October 13, 1958

(Date)

Company or Operator Magnolia Petroleum Co.

Address Box 2406, Hobbs, New Mexico

Name J. Young, Jr.

Position or Title District Superintendent

DEVIATION SURVEY

<u>Depth</u>	<u>Degrees Off Vertical</u>	<u>Depth</u>	<u>Degrees Off Vertical</u>	<u>Depth</u>	<u>Degrees Off Vertical</u>
251	1/4	8883	3-3/4	10868	1/2
838	1/2	8930	3-3/4	10952	1/4
2137	1/2	8966	3	10984	1/4
2600	1/4	8983	3	11030	1/2
2924	1	9009	3	11086	3/4
3575	3/4	9033	3	11129	0
3876	0	9059	3	11160	3/4
4302	3/4	9133	2-1/2	11200	3/4
4421	0	9178	2-1/4	11285	3/4
4532	3/4	9224	1-3/4	11307	1
5530	1	9256	1-1/2	11401	1
5771	3/4	9278	1-1/4	11462	1
6224	1-1/4	9404	1	11534	1
6386	1	9519	1-1/4	11649	1
6586	1/2	9597	1/4	11675	1
6763	1/4	9668	3/4	11717	1-1/2
6936	1/2	9744	1	11739	1-1/2
7088	3/4	9853	1	11756	2
7194	3/4	9887	1-1/4	11774	1-1/2
7286	3/4	9968	1-1/4	11794	2
7387	3/4	10009	1-1/4	11810	2
7555	3/4	10070	2	11831	2
7821	1	10249	1-1/2	11859	2-1/4
8027	1-1/4	10298	1-3/4	11890	2-1/2
8231	1/2	10337	1-1/2	11914	3-1/2
8345	1/2	10374	1-1/2	11943	3-1/2
8553	1-1/2	10464	1-1/4	11973	3-1/2
8733	4	10511	1-1/4	12011	3-1/2
8771	4-1/4	10556	1-1/4	12064	3-1/4
8802	4-1/4	10648	3/4	12090	3
8827	4	10806	3/4	12107	3-1/4
8856	3-3/4	10831	3/4		

DRILL STEM TESTS

<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 Cushion</u>	<u>Time Tested</u>
1	9-3-58	11385	11491	Open Hole	11385	5/8" 1"	None	1 hr. 10 min.
	(Basal Penn Sand) Weak blow, died 24 min., nil to surface. Recovered 50' slight oil out drlg. mud. SFP 0%, BEPP 130#-130#, 30 min. SIP 155#. RE 6735#-6660#.							
2	9-5-58	11466	11585	Open Hole	11466	5/8" 1"	None	1 hr.
	(Basal Penn Sand) Weak blow, died 28 min., nil to surface. Rec. 100' drlg. mud, no shows. SFP 0%, BEPP 60#-60#, 30 min. SI 60#, RE 6475#-6445#.							
3	9-24-58	12171	12200	Open Hole	12171	5/8" 1"	None	1-1/2 hrs.
	(Devonian) MTS, fair blow air. Recovered 6240' free oil, no wtr. Gty. 43° @ 60°. S/O .2 BS, no wtr. SFP 0%, BEPP 105-240#, 30 min. SIP 4760#. RE 6895-6870#.							

CORE RECORD

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Sec.</u>	<u>Description</u>
1	12190	12200	2'	12190-12192 - 2' dolomite w/trace vuggy poro., fair fluor. cut. 12192-12200 - 8' lost

ACIDIZING OR OTHER SPECIAL OPERATIONS

- 10-5-58 BJ Service, Inc. attempted to acidize open hole 12190-12200 w/500 gals. 15%. Pump 12 BA + 12 BO down tbg. & bit, pressure 23 bbls. off spot. To 4-4500', bleed press. off tbg., install BOP. Rev. out 500 gals. acid.
- 10-6-58 BJ Service, Inc. acidized open hole 12190-12200 w/500 gals acid 15%. To 4900-400-600. Form broke w/1 bbl. acid in form. Inj. rate .3 of 1 BOP, 5 min. SIP 500#. Open & flow 47 BLC + 12 BAW 2 hrs. 30/64" choke (all load oil & acid). Flowed 38 BWC & no wtr. 2 hrs. 11/64" choke, TR 100-675#.

THE STATE OF TEXAS, COUNTY OF DALLAS

Know all men by these presents, that I, the undersigned, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of Dallas, State of Texas.

Witness my hand and seal of office this 10th day of May, 1907, at Dallas, Texas.

County Clerk of Dallas