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(Revised 7/1/53)
(Form C-105)

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD JUL 30 1953

OIL CONSERVATION COMMISSION
N.M.S. OFFICE

Mail to District Office, Oil Conservation Commission to N.M.S. Office. 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.

Magnolia Petroleum Company
(Company or Operator)T. D. Pope
(Lease)

Well No. 6, in NW 1/4 of SE 1/4, of Sec. 26, T. 14-S, R. 37-E, NMPM.

Denton

Pool,

Lea

County.

Well is 1980' feet from South line and 1980' feet from East line of Section 26. If State Land the Oil and Gas Lease No. is Privately Owned

Drilling Commenced January 7, 1953 Drilling was Completed May 14, 1953

Name of Drilling Contractor Helmerich & Payne

Address 618 First Nat'l. Building, Tulsa 3, Oklahoma.

Elevation above sea level at Top of Tubing Head 3812' The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from 12096 to 12613	No. 4, from
No. 2, from	No. 5, from
No. 3, from	No. 6, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to	feet.
No. 2, from	feet.
No. 3, from	feet.
No. 4, from	feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48 & 35.62#	New	470'				Surface String
9-5/8"	40 & 36#	New	4828				Salt String.
5 1/2" Liner	17 & 20#	New	8007			12096-12156 12245-12280 12370-12433 12495-12545 12578-12613	Production 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"	470'	500	Halliburton		
12-1/4"	9-5/8"	4828'	2650	Halliburton		
7-7/8"	5 1/2" Liner	12630'	1440	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

See attached sheet.

Result of Production Stimulation

Depth Cleaned Out

RD OF DRILL-STEM AND SPECIAL TEST

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 12630 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 30, 19 53

OIL WELL: The production during the first 24 hours was 264.46 barrels of liquid of which 95 % was
was oil; 0 % was emulsion; 5 % Acid water; and 0 % was sediment. A.P.I.
Gravity 44.3° @ 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.	2140'		T. Devonian.	12050	
T. Salt.			T. Silurian.		
B. Salt.			T. Montoya.		
T. Yates.	3120'		T. Simpson.		
T. 7 Rivers.			T. McKee.		
T. Queen.			T. Ellenburger.		
T. Grayburg.			T. Gr. Wash.		
T. San Andres.	4660'		T. Granite.		
T. Glorieta.	6160'		T. Woodford.	11930	
T. Drinkard.			T.		
T. Tubbs.			T.		
T. Abo.	7990'		T.		
Permian Penn.	9238'		T.		
T. Miss.	11270'		T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	170	170	Caliche, Sand & Shells.				
170	437	267	Shells & Red Bed.				
437	801	364	Red Bed.				
801	2085	1284	Red Bed & Anhydrite.				
2085	2450	365	Anhydrite.				
2450	3670	1220	Anhydrite & Salt.				
3670	4173	503	Anhydrite & Gyp.				
4173	4706	533	Anhydrite.				
4706	4826	120	Anhydrite & Lime.				
4826	9227	4401	Lime.				
9227	9277	50	Dolomite				
9277	9877	600	Lime.				
9877	10208	331	Lime & Shale.				
10208	10365	157	Lime.				
10365	11366	1001	Lime & Shale.				
11366	11495	129	Lime & Chert.				
11495	11788	293	Lime & Shale.				
11788	11895	107	Lime & Chert.				
11895	12060	165	Lime & Shale.				
12060	12225	165	Dolomite.				
12225	12232	7	Anhydrite.				
12232	12625	393	Dolomite.				
12625	12630	5	Chert.				

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.

July 29, 1953

(Date)

Company or Operator Magnolia Petroleum Company

Address Box 727, Kermit, Texas

Name E. H. Bludell

Position or Title District Superintendent

ACIDIZING RECORD

- #1 Acidized Perfs. 12578-12613 w/500 Gals. Mud & 4500 gals. 20% SLT, Time 25 Minutes, Injection Rate 5 BPM, TP 3000-1700#.
- #2 Acidized Perfs. 12499-12545 w/500 gals. mud acid & 4500 gals. 20% SLT, Time 33 Min. Injection Rate 3.8 BPM, TP 3500-1400#.
- #3 Acidized Perfs. 12370-12433 w/500 gals. mud acid, 4500 gals. 20% SLT, Time 25 Min. Injection rate 5 BPM, TP 2900-1800#.
- #4 Acidized Perfs. 12235-12299 w/500 gals. mud acid, & 4500 Gals. 20% SLT, Time 20 Min. Injection Rate 6 BPM, TP 3000-2700#.
- #5 Acidized Perfs. 12096-12158 w/500 Gals. Mud Acid & 4500 gals. 20% SLT, Time 35 Min. Injection Rate 4 BPM, TP 3600-2400#.

After all Acidizing jobs completed, flowed 520 BLO (All) / 248 BAW 12 hrs.
TP 700-200#, CP Zero, 3/4" Choke, S/O 5% Acid Water.

DRILL STEM TESTS

- #1 DST (Wolfcamp - Open Hole) 9217-9277, Open 1 hr. 37 Min. 5/8" BHC & 1" SC No Water Cushion, 2 Pkrs. Gas to surface in 8 Min., 314 MCF/Day, Mud to surface 50 Min., Oil to surface 55 Min, Flowed oil, no water, 47 Min. Est. 37.4 bbls. oil/hr. Grav. 44.2 @ 60°, GOR 350 - 1, SFP: 0, BHFP: 525 - 2350#, Closed 15 Min. SI BHP: 3250#, HH 4225# in & Out.
- #2 DST (Wolfcamp - Open Hole) 9277-9322, Open 1½ hrs. 5/8" BHC & 1" SC, No Water Cushion 2 Pkrs. Nothing to Surface. Rec. 90' slightly gas cut mud, SFP: 0. BHFP: 0, 15 Min. SI BHP 300#, HH 4350#.
- #3 DST (Wolfcamp - Open Hole) 9219-9343, Open 1½ hrs. 5/8" BHC & 1" SC, No Water Cushion, 2 Pkrs. Opened w/weak blow, tool plugged immediately, Rec. 810' drlg. mud, No Pressure recorded.
- #4 DST (Wolfcamp - Open Hole) 9315-9372', Open 1 hr. 5/8" BHC & 1" SC, No Water Cushion 2 Pkrs. Nothing to surface, Rec. 120' slightly gas cut drlg. mud, SFP: 0, BHFP: 0, 15 Min. SI BHP 400#, HH 4300# in & out.

DEVIATION SURVEY

<u>DEPTH</u>	<u>OFF VERTICAL</u>	<u>DEPTH</u>	<u>OFF VERTICAL</u>
470'	1/4°	9586	1-1/2°
2500'	3/4°	9964	2°
3330'	1/2°	10197	1/4°
3590'	1-1/4°	10245	3/4°
3966'	1½°	10570	1/4°
4664	1-1/4°	10662	1/2°
4720	1°	10740	3/4°
5080	1/4°	10840	3/4°
5187	1/2°	11231	2°
5380	1/4°	11300	3½°
5600	1/2°	11315	2½°
6020	3/4°	11328	3°
6430	1/2°	11450	2°
6640	3/4°	11460	2½°
6770	1/4°	11495	2°
7620	1/2°	11565	1-3/4°
7891	3/4°	11575	2°
8191	1/4°	11595	1-3/4°
8515	1-1/2°	11625	1-1/2°
8939	1-1/4°	11790	1-3/4°
9100	1°	11815	1½°
9225	3/4°	12105	1-3/4°
9415	1°		