



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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

Magnolia Petroleum Company  
(Company or Operator)

A. R. Haley  
(Lessee)

Well No. 2, in NW 1/4 of SE 1/4, of Sec. 13, T. 8 S, R. 34 E, NMPM.

Underground Pool, Roosevelt County.

Well is 1980 feet from South line and 1980 feet from East line of Section 13. If State Land the Oil and Gas Lease No. is

Drilling Commenced July 5, 1957. Drilling was Completed September 4, 1957.

Name of Drilling Contractor Magnolia Petroleum Company - Rig #20

Address Box 633, Midland, Texas

Elevation above sea level at Top of Tubing Head 1251 DF. The information given is to be kept confidential until, 19.

OIL SANDS OR ZONES

No. 1, from 9258 to 9268. 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	435'				Surface String
7-5/8"	21#	New	4790'				Intermediate String
5-1/2"	15.50#	New	4701'			9258-68	Oil String
(Liner)							

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"	10-3/4"	435'	425	Pump & Plug		
9-7/8"	7-5/8"	4790'	2300	Pump & Plug		
6-3/4"	5-1/2"	9275'	570	Pump & Plug		
(Liner)						

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 9275 feet, and from --- feet to --- feet.  
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet.

## PRODUCTION

Put to Producing September 13, 1957

OIL WELL: The production during the first 24 hours was 238 barrels of liquid of which 100 % was oil; --- % was emulsion; 0 % water; and --- % was sediment. A.P.I. Gravity 47.600

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.....	2180	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	2250	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2510	T. Montoya.....	T. Farmington.....
T. Yates.....	2623	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	3319	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	3812	T. Granite.....	T. Dakota.....
T. Glorieta.....	5223	T. ....	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....	6665	T. ....	T. ....
T. Abo.....	7509	T. ....	T. ....
Perm Penn.....	8561	T. ....	T. ....
T. Miss.....		T. ....	T. ....
Bough "B".....	9179		
Bough "C".....	9224		

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	105	105	Caliche	8513	9008	495	Lime
105	435	330	Shells & Red rock	9008	9028	20	Lime & Chert
435	2201	1766	Red Bed	9028	9217	189	Lime
2201	2855	654	Red Bed & Anhydrite	9217	9242	25	Lime & Shale
2855	3410	555	Anhydrite & Salt	9242	9260	18	Lime
3410	3672	262	Anhydrite	9260	9275	15	Lime & Shale
3672	3778	106	Anhydrite & Salt				
3778	3891	113	Anhydrite				
3891	4029	138	Anhydrite & Shale				
4029	4226	197	Anhydrite & Lime				
4226	4422	196	Lime				
4422	4474	52	Lime & Anhydrite				
4474	5455	981	Lime				
5455	5777	322	Lime & Salt				
5777	7451	1674	Lime				
7451	7553	102	Lime & Shale				
7553	8139	586	Shale				
8139	8196	57	Lime & Shale				
8196	8269	73	Lime				
8269	8279	10	Lime & Anhydrite				
8279	8488	209	Lime				
8488	8513	25	Lime & 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.

September 17, 1957  
(Date)

Company or Operator Magnolia Petroleum Company

Address P. O. Box 2406, Hobbs, New Mexico

Name *W. H. R. R. R.*

Position or Title District Superintendent

TOTCO DEVIATION SURVEY

Depth	Degrees off Vertical	Depth	Degrees off Vertical	Depth	Degrees off Vertical
1820'	1/4	7087'	3/4	8427'	1
2796'	1/2	7349'	1 1/4	8508'	1/2
3432'	1/2	7553'	1	8606'	1 1/4
4506'	0	7670'	1	8699'	1
5021'	1/2	7818'	1 1/2	8825'	1
5782'	1/4	8071'	1	8910'	1
6110'	1/4	8196'	1	9008'	3/4

DRILL STEM TESTS

No.	Date	From	To	No. Kind & Size of Perforations (or Open Hole)	Tool Set @	Chokes Top Bottom	Water Cushion	Time Tested
1	7-16-57	4545	4620	Open Hole	4545	5/8" 1"	None	3 hrs.

(San Andres) Gas to surface in 6 minutes, 394.6 MCF/day. Recovered 444' highly gas cut drilling mud + 400' highly gas and slightly oil cut drilling mud. Surface flowing pressure: 18#, bottom hole flowing pressure: 140-250#. 13 minutes shut-in pressure 1480#. Hydrostatic head 2650-2625#.

2	7-17-57	4620	4690	Open Hole	4620	5/8" 1"	None	2 hrs.
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(San Andres) Gas to surface in 35 minutes. Estimated 7.4 MCF/day. Recovered 140' highly gas and slightly oil cut drilling mud + 700' of mud and slight sulphur water cut oil + 200' sulphur water. Surface flowing pressure: 0#. Bottom hole flowing pressure: 155-510#. 30 minutes Shut-in pressure: 1090#. Hydrostatic Head 2870-2840#.

3	9-2-57	9170	9215	Open Hole	9170	5/8" 1"	None	2 hrs.
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(Bough "B") Gas to surface in 3 minutes. Mud to surface in 11 minutes. Oil to surface in 14 minutes clean to pits for 3 minutes. Flowed 45 Barrels formation oil and no water in 1 hour, through 1" choke. Surface flowing pressure 225#. GOR 1220-1, Gravity 48 @ 60. Flowed 60 barrels formation oil in 1 1/2 hours on 32/64" choke. Surface flowing pressure 375#. Bottom hole flowing pressure 1055-1960#. 30 minutes Shut-in pressure 2685#. Hydrostatic Head 5110-4975#.

4	9-5-57	9256	9275	Open Hole	9256	5/8" 1"	None	2 hrs.
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(Bough "C") Gas to surface in 50 minutes. Measured 6 MCF/day. Recovered 60' of free oil + 20' oil and gas cut drilling mud. Gravity 48 @ 60. Surface flowing pressure 0#. Bottom hole flowing pressure 100-100#. 30 minutes Shut-in pressure 2510#. Hydrostatic Head 5250-5155#.

CORE RECORD

No.	From	To	Rec.	Description
1	9165	9215	49'	9165-9177 - 12' lime and shale, no show. 9177-9191 - 14' lime, 20% vuggy to pin head porosity, good stain, fluorescence and odor. 9191-9214 - 23' lime and shale, no show. 9214-9215 - 1' lost.
2	9215	9267	51'	9215-9256 - 41' lime and shale, no show. 9256-9266 - 10' lime, 10% vuggy to pin head porosity, good stain, yellow fluorescence, good cut and odor. 9266-9267 - 1' lost.
3	9267	9275	8'	9267-9270 1/2 - 3 1/2' lime, no show. 9270 1/2-9275 - 4 1/2' shale, no show.

ACIDIZING OR OTHER COMPLETION OPERATION

9-11-57 The Western Company acidized perforations 9258-9268 w/1000 gals 15% regular acid. TP: 6000-900#. 5 minutes Shut-in pressure on Vacuum. Injection rate 2 barrels per minute. Swabbed 13 barrels load oil in 1 hour.

100-441102-107

Location	Area	Location	Area	Location	Area
1	1000	1	1000	1	1000
2	1000	2	1000	2	1000
3	1000	3	1000	3	1000
4	1000	4	1000	4	1000
5	1000	5	1000	5	1000
6	1000	6	1000	6	1000
7	1000	7	1000	7	1000
8	1000	8	1000	8	1000
9	1000	9	1000	9	1000
10	1000	10	1000	10	1000

...the ... ..

[illegible][illegible]

100-443887-1000

[illegible]

DATE: 5/1/68 TIME: 10:00 AM FROM: SAC, NEW YORK TO: DIRECTOR, FBI (100-388610) (P)

[illegible]

and I don't think it's a good idea to have a lot of people in the room. I think it's better to have a few people in the room and have a good discussion. I think it's better to have a few people in the room and have a good discussion. I think it's better to have a few people in the room and have a good discussion.

[illegible]

Ref.	Date	From	To	Subject
1	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
2	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
3	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
4	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
5	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
6	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
7	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
8	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
9	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111
10	1945-12-15	NY 100-111111	NY 100-111111	Re: NY 100-111111

0-11 - 896-700. Made up before Jan until 11 - 896-700  
consequently after state has shown head air of year 11  
last 1 - 896-700. John has been

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

0-11-77  
The second delivery scheduled performance 12/11/77, 12/12/77, 12/13/77, 12/14/77, 12/15/77, 12/16/77, 12/17/77, 12/18/77, 12/19/77, 12/20/77, 12/21/77, 12/22/77, 12/23/77, 12/24/77, 12/25/77, 12/26/77, 12/27/77, 12/28/77, 12/29/77, 12/30/77, 12/31/77, 1/1/78, 1/2/78, 1/3/78, 1/4/78, 1/5/78, 1/6/78, 1/7/78, 1/8/78, 1/9/78, 1/10/78, 1/11/78, 1/12/78, 1/13/78, 1/14/78, 1/15/78, 1/16/78, 1/17/78, 1/18/78, 1/19/78, 1/20/78, 1/21/78, 1/22/78, 1/23/78, 1/24/78, 1/25/78, 1/26/78, 1/27/78, 1/28/78, 1/29/78, 1/30/78, 1/31/78, 2/1/78, 2/2/78, 2/3/78, 2/4/78, 2/5/78, 2/6/78, 2/7/78, 2/8/78, 2/9/78, 2/10/78, 2/11/78, 2/12/78, 2/13/78, 2/14/78, 2/15/78, 2/16/78, 2/17/78, 2/18/78, 2/19/78, 2/20/78, 2/21/78, 2/22/78, 2/23/78, 2/24/78, 2/25/78, 2/26/78, 2/27/78, 2/28/78, 2/29/78, 2/30/78, 3/1/78, 3/2/78, 3/3/78, 3/4/78, 3/5/78, 3/6/78, 3/7/78, 3/8/78, 3/9/78, 3/10/78, 3/11/78, 3/12/78, 3/13/78, 3/14/78, 3/15/78, 3/16/78, 3/17/78, 3/18/78, 3/19/78, 3/20/78, 3/21/78, 3/22/78, 3/23/78, 3/24/78, 3/25/78, 3/26/78, 3/27/78, 3/28/78, 3/29/78, 3/30/78, 3/31/78, 4/1/78, 4/2/78, 4/3/78, 4/4/78, 4/5/78, 4/6/78, 4/7/78, 4/8/78, 4/9/78, 4/10/78, 4/11/78, 4/12/78, 4/13/78, 4/14/78, 4/15/78, 4/16/78, 4/17/78, 4/18/78, 4/19/78, 4/20/78, 4/21/78, 4/22/78, 4/23/78, 4/24/78, 4/25/78, 4/26/78, 4/27/78, 4/28/78, 4/29/78, 4/30/78, 5/1/78, 5/2/78, 5/3/78, 5/4/78, 5/5/78, 5/6/78, 5/7/78, 5/8/78, 5/9/78, 5/10/78, 5/11/78, 5/12/78, 5/13/78, 5/14/78, 5/15/78, 5/16/78, 5/17/78, 5/18/78, 5/19/78, 5/20/78, 5/21/78, 5/22/78, 5/23/78, 5/24/78, 5/25/78, 5/26/78, 5/27/78, 5/28/78, 5/29/78, 5/30/78, 5/31/78, 6/1/78, 6/2/78, 6/3/78, 6/4/78, 6/5/78, 6/6/78, 6/7/78, 6/8/78, 6/9/78, 6/10/78, 6/11/78, 6/12/78, 6/13/78, 6/14/78, 6/15/78, 6/16/78, 6/17/78, 6/18/78, 6/19/78, 6/20/78, 6/21/78, 6/22/78, 6/23/78, 6/24/78, 6/25/78, 6/26/78, 6/27/78, 6/28/78, 6/29/78, 6/30/78, 7/1/78, 7/2/78, 7/3/78, 7/4/78, 7/5/78, 7/6/78, 7/7/78, 7/8/78, 7/9/78, 7/10/78, 7/11/78, 7/12/78, 7/13/78, 7/14/78, 7/15/78, 7/16/78, 7/17/78, 7/18/78, 7/19/78, 7/20/78, 7/21/78, 7/22/78, 7/23/78, 7/24/78, 7/25/78, 7/26/78, 7/27/78, 7/28/78, 7/29/78, 7/30/78, 7/31/78, 8/1/78, 8/2/78, 8/3/78, 8/4/78, 8/5/78, 8/6/78, 8/7/78, 8/8/78, 8/9/78, 8/10/78, 8/11/78, 8/12/78, 8/13/78, 8/14/78, 8/15/78, 8/16/78, 8/17/78, 8/18/78, 8/19/78, 8/20/78, 8/21/78, 8/22/78, 8/23/78, 8/24/78, 8/25/78, 8/26/78, 8/27/78, 8/28/78, 8/29/78, 8/30/78, 8/31/78, 9/1/78, 9/2/78, 9/3/78, 9/4/78, 9/5/78, 9/6/78, 9/7/78, 9/8/78, 9/9/78, 9/10/78, 9/11/78, 9/12/78, 9/13/78, 9/14/78, 9/15/78, 9/16/78, 9/17/78, 9/18/78, 9/19/78, 9/20/78, 9/21/78, 9/22/78, 9/23/78, 9/24/78, 9/25/78, 9/26/78, 9/27/78, 9/28/78, 9/29/78, 9/30/78, 10/1/78, 10/2/78, 10/3/78, 10/4/78, 10/5/78, 10/6/78, 10/7/78, 10/8/78, 10/9/78, 10/10/78, 10/11/78, 10/12/78, 10/13/78, 10/14/78, 10/15/78, 10/16/78, 10/17/78, 10/18/78, 10/19/78, 10/20/78, 10/21/78, 10/22/78, 10/23/78, 10/24/78, 10/25/78, 10/26/78, 10/27/78, 10/28/78, 10/29/78, 10/30/78, 10/31/78, 11/1/78, 11/2/78, 11/3/78, 11/4/78, 11/5/78, 11/6/78, 11/7/78, 11/8/78, 11/9/78, 11/10/78, 11/11/78, 11/12/78, 11/13/78, 11/14/78, 11/15/78, 11/16/78, 11/17/78, 11/18/78, 11/19/78, 11/20/78, 11/21/78, 11/22/78, 11/23/78, 11/24/78, 11/25/78, 11/26/78, 11/27/78, 11/28/78, 11/29/78, 11/30/78, 12/1/78, 12/2/78, 12/3/78, 12/4/78, 12/5/78, 12/6/78, 12/7/78, 12/8/78, 12/9/78, 12/10/78, 12/11/78, 12/12/78, 12/13/78, 12/14/78, 12/15/78, 12/16/78, 12/17/78, 12/18/78, 12/19/78, 12/20/78, 12/21/78, 12/22/78, 12/23/78, 12/24/78, 12/25/78, 12/26/78, 12/27/78, 12/28/78, 12/29/78, 12/30/78, 12/31/78, 1/1/79, 1/2/79, 1/3/79, 1/4/79, 1/5/79, 1/6/79, 1/7/79, 1/8/79, 1/9/79, 1/10/79, 1/11/79, 1/12/79, 1/13/79, 1/14/79, 1/15/79, 1/16/79, 1/17/79, 1/18/79, 1/19/79, 1/20/79, 1/21/79, 1/22/79, 1/23/79, 1/24/79, 1/25/79, 1/26/79, 1/27/79, 1/28/79, 1/29/79, 1/30/79, 1/31/79, 2/1/79, 2/2/79, 2/3/79, 2/4/79, 2/5/79, 2/6/79, 2/7/79, 2/8/79, 2/9/79, 2/10/79, 2/11/79, 2/12/79, 2/13/79, 2/14/79, 2/15/79, 2/16/79, 2/17/79, 2/18/79, 2/19/79, 2/20/79, 2/21/79, 2/22/79, 2/23/79, 2/24/79, 2/25/79, 2/26/79, 2/27/79, 2/28/79, 2/29/79, 2/30/79, 3/1/79, 3/2/79, 3/3/79, 3/4/79, 3/5/79, 3/6/79, 3/7