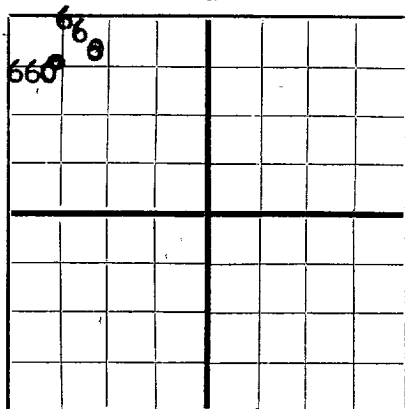
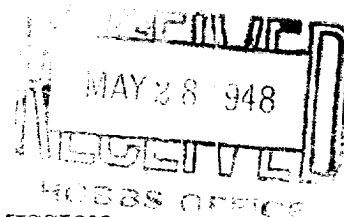


AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Magnolia Petroleum Company

Company or Operator

Box 727, Kermit, Texas

Address

Cordelia Hardy

Well No.

6

in

NW/4

of Sec.

29

T

21-S

Lease

R. 37-E

N. M. P. M.

Drinkard

Field,

east

West

Lea

County.

Well is 660 feet south of the North line and 660 feet ~~west~~ east of the East line of Section 29.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Cordelia Hardy Address Emice, New Mexico

If Government land the permittee is Address

The Lessee is Magnolia Petroleum Company Address Box 727, Kermit, Texas

Drilling commenced March 27, 1948 Drilling was completed May 5, 1948

Name of drilling contractor Olson Drilling Company Address 1st Nat'l Bank Bldg. Midland, Texas

Elevation above sea level at top of casing 3502' feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5200 to 5230 No. 4, from to
No. 2, from 6600 to 6625 No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS None logged.

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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"	48#	8rt	H-40 EW	301	Halliburton				Surface
9-5/8"	36#	8rt	J-55 SS						
9-5/8"	36#	8rt	J-55 EW	2956	Halliburton				Intermediate
7"OD	23#	8rt	J-55						
7"OD	23#	8rt	N-80 SS	6650	Halliburton		6600	6625	Oil String
2"	4.7#	8rt	H-40 EU	6650					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	301	300	Pump & Plug		
12-1/4	9-5/8	2956	1500	Pump & Plug		
8-3/4	7"OD	6650	650	Pump & Plug		

PLUGS AND ADAPTERS None used.

Heaving plug—Material Length Depth Set

Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT None

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	3.58	3.58	From top of rotary drive bushing to derrick floor.
3.58	10.64	7.06	From derrick floor to top of 13-3/8" OD casing.
10.64	110	99.36	Red rock, caliche
110	180	70	Rock, sand & gravel
180	301	121	Red bed & rock
301	320	19	Red rock Reamed 12 1/4" to 17 1/4" hole from 0 to 305'.
			<u>Set 13-3/8" OD casing @ 301' w/300 sax.</u>
320	455	135	Red bed & rock
455	1220	765	Red bed & shells Straight @ 500, 750, 1000, 1250.
1220	1278	58	Anhydrite & gyp
1278	1330	52	Anhydrite
1330	1890	560	Salt & anhydrite strks. - Straight @ 1450, 1750
1890	2122	232	Salt & anhydrite Straight @ 2000
2122	2275	153	Salt
2275	2570	295	Salt & anhydrite 1/2" @ 2450.
2570	2617	47	Anhydrite
2617	2947	330	Anhydrite & gyp <u>SIG 2866 = 2880.</u>
2947	2955	8	Anhydrite & lime
			<u>Set 9-5/8" OD casing @ 2956' w/1500 sax.</u>
2956	3077	121	Anhydrite & gyp
3077	3477	400	Lime Straight @ 3320.
3477	3616	139	Lime, sandy Straight @ 3600.
3616	3830	214	Lime Straight @ 3800.
3830	4012	182	No formation logged
4012	4140	128	Lime
4140	4344	204	Sandy lime
4344	4466	122	Lime
4466	4515	49	Lime, broken
4515	4535	20	No formation logged
4535	4553	18	Lime 1" @ 4550.
4553	4570	17	No formation logged
4570	4704	134	Lime 1/2" @ 4700,
4704	4783	79	Shale & lime
4783	5025	242	Lime
5025	5059	34	Sandy lime
5059	5092	33	No formation logged
5092	5157	65	Lime Av. drlg. time 5 MPF 5010-5121.
5157	5203	46	Sandy lime
5203	5230	27	Paddock Pay Top of Glorieta Pay 5203', 50% fair staining and porosity, 5168-5200, 35 MPF, 5200-5230 2-3 MPF; 1/2" off @ 5230'.
5200	5230	30	DST - (2 Packers) 1 hr. 15 min. 5/8" BHC & 1" surface chokes, gas 37 min. (insufficient to measure), no fluid to surface, SFP 0%, BHFP 125#. S-I 15 min. BHP 1700#; hyd. hd. 2500#. Rec. 330' heavy oil and gas cut mud, 30' salt water.
5230	5289	59	No formation logged
5289	5402	113	Lime
5402	5430	28	No formation logged
5430	5600	170	Lime 1" @ 5500.
5600	5630	30	No formation logged
5630	5782	152	Lime 1/2" @ 5780
5782	5820	38	No formation logged
5820	6008	188	Lime 1/2" @ 5860.
6008	6031	23	No formation logged
6031	6200	169	Lime
6200	6224	24	No formation logged
6224	6335	111	Lime
6335	6365	30	No formation logged
6365	6405	40	Lime
6405	6453	48	No formation logged
6453	6512	59	Lime
6512	6517	5	No formation logged