

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Box 727, Kermit, Texas

Company or Operator

Address

E. O. Carson

Well No. 15

in NE/4

of Sec. 33

T. 21-S

Lease

R. 37-E, N. M. P. M. Hare Field, Lea County.

Well is 731 feet south of the North line and 2051 feet east of the West line of Section 33.

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

If patented land the owner is E. O. Carson Address Merkel, Texas

If Government land the permittee is Address

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

Drilling commenced January 4, 1948 Drilling was completed February 24, 1948

Name of drilling contractor Magnolia Petroleum Company's New Mexico Drilling Tools Address Box 633, Midland, Texas

Elevation above sea level at top of casing 3471 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 7610 to 7640 No. 4, from to

No. 2, from 7660 to 7695 No. 5, from to

No. 3, from 7730 to 7745 No. 6, from to

IMPORTANT WATER SANDS None.

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	290	Halliburton				Surface
8-5/8"	32#	8rt	J-55	2855	Halliburton				Intermediate
5-1/2"	17#	8RT	H-40	7769	Halliburton		7610	7640	Oil String
							7660	7695	
							7730	7745	
2"	4.7#	8rt	H-40	7768					

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 1/2"	13-3/8	290	250	Pump & Plug		
12"	8-5/8	2855	1250	Pump & Plug		
7-7/8"	5-1/2	7769	665	Pump & Plug		

PLUGS AND ADAPTERS None.

Heaving plug—Material Length Depth Set

Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		NONE.				

Results of shooting or chemical treatment

RECORD OF DRILL-STEM AND SPECIAL TESTS None.

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 7769 feet, and from feet to feet

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

PRODUCTION

Put to producing February 29, 1948

The production of the first 24 hours was 106.84 barrels of fluid of which 200 % was oil; 0 %

emulsion; 0 % water; and 0 % sediment. Gravity, Be. 44.5 @ 60°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller Driller

Driller Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 10th

Kermit, Texas, March 10, 1948

day of March, 1948

Name

Position Chief Clerk

Representing Magnolia Petroleum Company

Company or Operator

My Commission expires June 1, 1949

Address Box 727, Kermit, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	2.40	2.40	From top of rotary drive bushing to derrick floor.
2.40	14.35	11.95	From derrick floor to top of 8-5/8" OD casing.
14.35	245	230.65	Surface
245	290	45	Red bed $\frac{1}{4}^{\circ}$ @ 110; $1\frac{1}{2}^{\circ}$ @ 195.
			<u>Set 13-3/8" OD casing @ 290' w/250 sax.</u>
290	465	175	Red bed & shale $\frac{1}{4}^{\circ}$ @ 325; Straight @ 334'.
465	800	335	Red bed & shells Straight @ 705'.
800	1050	250	Red bed Straight @ 950'.
1050	1164	114	Red bed & anhy. Straight @ 1120.
1164	1305	141	Anhydrite
1305	2465	1160	Anhy. & salt $\frac{1}{4}^{\circ}$ @ 1310; 1° @ 1500; $\frac{1}{4}^{\circ}$ @ 1620, 1765; $\frac{1}{4}^{\circ}$ @ 1915, 2007, 2100, 2240; 1° @ 2310, 2400, 1° @ 2500; 2660.
2465	2855	390	Anhy. & lime
			<u>Set 8-5/8" OD casing @ 2855' w/1250 sax.</u>
2855	2925	70	Anhy. & lime
2925	3059	134	Lime Straight @ 3040
3059	3569	510	Anhy. & lime Straight @ 3345
3569	5780	2211	Lime $\frac{1}{4}^{\circ}$ @ 3808, 1° @ 4200, 4390, 2° @ 4990, $1\frac{1}{2}^{\circ}$ @ 5338, $2\frac{1}{4}^{\circ}$ @ 5459, 1° @ 5680.
5780	5820	40	No form. logged
5820	7255	1435	Lime $2\frac{1}{4}^{\circ}$ @ 6059, 1° @ 6175, 6600, $1\frac{3}{4}^{\circ}$ @ 6928; $2\frac{1}{4}^{\circ}$ @ 7198'.
7255	7284	29	Lime & shale
7284	7307	23	Lime
7307	7356	49	Lime & shale
7356	7523	167	Lime
7523	7570	47	Lime & shale
7570	7584	14	Lime 4° @ 7586.
7584	7625	41	Shale & sand(McKee) McKee sand, 7590-7750, good staining.
			<u>SLG 7593 = 7586.</u>
7625	7678	53	Shale & sand
7678	7700	22	Broken sand & lime
7700	7728	28	Shale & sand
7728	7751	23	Shale, sand & lime
7751	7769	18	Lime
7769			<u>TOTAL DEPTH</u>
7767			Ran Schlumberger
			<u>Set 5-1/2" OD casing @ 7769' w/125 sax below Baker Multiplex Collar @ 7155' and w/640 sax thru Collar @ 1900'. Lost returns 30 min. - Centralizers set @ 3705.33, 5125.39, 5181.67, 6403.20, 6464.74, 6525.81, 6693.12, 7085.44, 7148.60, 7173.60, 7200.01, 7374.96, 7597.15, 7630.18, 7696.21, 7762.00.</u>
			Top of Baker Baffle Collar - 7120.22
			Top of Baker Multiplex Collar - 7154.60
			Top of Baker Metal Petal Basket - 7167.60
			Bottom Baker Metal Petal Basket - 7181.60
6675			Schlumberger ran Temperature Survey.
7040	7769	729	D/O cement
7610	7640	30	McCullough Tools perf. $5\frac{1}{2}^{\circ}$ OD casing w/120 holes, 4 S.P.F.
7660	7695	35	McCullough Tools perf. $5\frac{1}{2}^{\circ}$ OD casing w/140 holes, 4 S.P.F.
7730	7745	15	McCullough Tools perf. $5\frac{1}{2}^{\circ}$ OD casing w/60 holes, 4 S.P.F.
			Reamed all perforations w/Baker Reamer to bottom.
			<u>Ran 2" tubing to 7768'.</u>
			<u>ERG TEST:</u> Flowed 106.84 bbls. oil 6 hrs. thru $1\frac{1}{4}^{\circ}$ positive choke. CP 185#-185#; TP 960#-1015#; GOR 1327/1. Grav. 44.5 @ 60; 2/10 of 15 BS, no water. Est. 24 hr. cap. 427 bbls. oil.