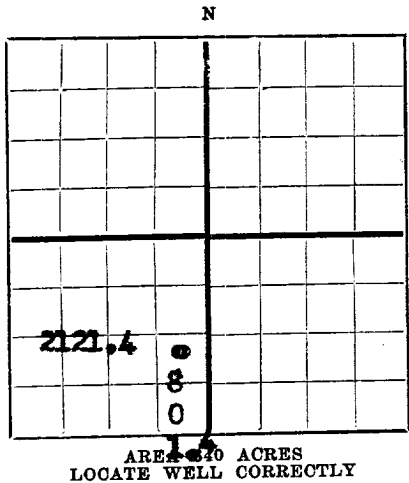




NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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 Box 727, Kermit, Texas
Company or Operator Address
E. O. Carson Well No. **20** in **SW/4** of Sec. **28**, T. **21-S**
Lease
R. **37-E**, N. M. P. M. **Hare** Field, **Lea** County.
Well is **801.4** feet **north** of the **North** line and **2121.4** feet **west** of the East line of **Section 28**
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 **February 8** 19 **49** Drilling was completed **March 27** 19 **49**
Name of drilling contractor **Magnolia Petroleum Company**, Address **Box 633, Midland, Texas**
Elevation above sea level at top of casing **3463** feet.
The information given is to be kept confidential until - - - - - 19.

OIL SANDS OR ZONES

No. 1, from **7584** to **7615** No. 4, from to
No. 2, from **7530** to **7562** No. 5, from to
No. 3, from **7510** to **7520** 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"	48#	8RT	H-40 SS						
13-3/8"	32.4#	8RT	Naylor	324	Halliburton				Surface—
8-5/8"	32#	8RT	J-55 EW	2870	Halliburton				Intermediate
5"1/2	17#	8RT	J-55 SS	7709	Halliburton		7584	7615	Oil String
							7530	7562	
							7510	7520	
2"	4.7#	8RT	J-55 SS	7670					

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"	324	300	Pump & plug		
11"	8-5/8"	2870	1500	Pump & plug		
7-7/8"	5-1/2"	7709	100 / 758	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT None

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

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 **7702** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **April 3** 19 **49**
The production of the first **7** hrs. was **113.64** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **44° @ 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 **13th** **Kermit, Texas** **April 13, 1949**
day of **April** 19 **49** Name **Dist. Supt.**
Notary Public Representing **Magnolia Petroleum Company**
My Commission expires **June 1, 1949** Address **Box 727, Kermit, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1.15	1.15	From top of rotary drive bushing to derriek floor
115	13.61	12.46	From top of derriek floor to top of 13-3/8" OD casg.
13.61	100	86.39	Caliche and sand
100	154	54	Red bed
154	313	159	Red rock St @ 278
313	324	11	Red bed
<u>Set 13-3/8" OD @ 324' w/300 sax. cement circ.</u>			
324	648	324	Red bed St @ 620
648	1200	552	Red rock 1/2" @ 922
1200	1312	112	Anhydrite and red rock
<u>SLC 1236 = 1224</u>			
1312	1587	275	Red bed and salt 3/4" @ 1340
1587	1860	273	Anhydrite and salt 3/4" @ 1659
1860	2205	345	Anhydrite 1" @ 1970, 1" @ 2162
2205	2514	309	Anhydrite and salt 1-3/4" @ 2467
2514	2807	293	Anhydrite 1-1/2" @ 2683
2807	2870	63	Anhydrite and lime 1-1/2" @ 2870
<u>Set 8-5/8" OD casg. @ 2870' w/1500 sax.</u>			
2870	3095	225	Anhydrite
3095	3235	140	Lime and anhydrite
3235	3260	25	Lime
3260	3359	99	Lime and anhydrite 2" @ 3340
3359	6493	3134	Lime 1-1/2" @ 3518, 1-1/4" @ 3592, 1-1/4" @ 3650, 1" @ 3757, St @ 3935, 1-1/4" @ 4456, 1-1/2" @ 4530, 1-1/2" @ 4622, 1-1/2" @ 4715, 1-1/2" @ 4835, 1-1/4" @ 5010, 1" @ 5190, 1-1/4" @ 5330, 1-1/2" @ 5402, 1-1/2" @ 5487, 1/2" @ 5722, 1-1/2" @ 5904, 3/4" @ 6222, 1" @ 6430
6493	6497	4	No formation logged
6497	7390	893	Lime 3/4" @ 6641, 1" @ 6795, 1-1/2" @ 7015, 3/4" @ 7140, 1-1/4" @ 7338.
<u>SLC 7312 = 7335</u>			
7390	7484	94	Lime and shale
7484	7506	22	Lime, shale and sand
7506	7562	56	Shale and sand Top McKee 7519
7562	7608	46	Shale, sand and lime Good pay 7524-7586
7608	7627	19	Lime and sand
7627	7658	31	Lime Fair pay 7591-7633
7658	7672	14	Sand and shale
7672	7682	10	Lime and shale
7682	7702	20	Shale and sand 1-1/2" @ 7702
<u>TOTAL DEPTH</u>			
Ran Schlumberger			
<u>Set 5-1/2" OD @ 7709 (Engineer measurements)</u> <u>cementing collar at 7311 100 sax below collar</u> <u>WOC 6 hrs. 758 thru collar.</u> Float shoe at 7709.63 Float collar at 7673.60 Centralizers at 7704.63, 7635.03, 7571.73, 7505.24, 7439.78, 7318.79, 7305.99, 6616.99, 6550.78, 6485.45, 6418.94, 5314.89, 5249.58, 5183.33, 5117.61, 2875.58, 2842.44.			
1000	7095	6095	Halliburton Ran temp. survey Top cement 2015
7295	7670	375	Drilled out
7584	7615	31	McCullough Tools perf. 5-1/2" w/6 SPF (jet) 186 holes OD casg. 127.8 B/O 3-1/2 hrs. 10% mud no water, 24/64" choke, TP 700-750# CP 100-90# GOR 922/1, Gravity 43.7° @ 60°.
7530	7562	32	McCullough Tools perf. w/ 6 SPF (jet) 192 holes 5-1/2" OD casg. Flowed 132.5 B/O 4 hrs., 22/64" choke, CP 0-50# TP 600-700#, GOR 953/1, Gravity 42.7° @ 60°, 8/10 of 1% water, 4/10 of 1% mud, 2% sand.
7510	7520	10	McCullough Tools perf. w/3 SPF (jet) 30 holes. 5-1/2" OD casg.
<u>2" tubing at 7670'</u>			
RRC Potential Test: Flowed 113.64 B/O 7 hrs., 1/4" positive choke, CP 75-75# TP 800-825#, GOR 1047/1 Gravity 44° @ 60°, 1.2% sand and mud, Capacity 389 B/O est. 24 hrs.			