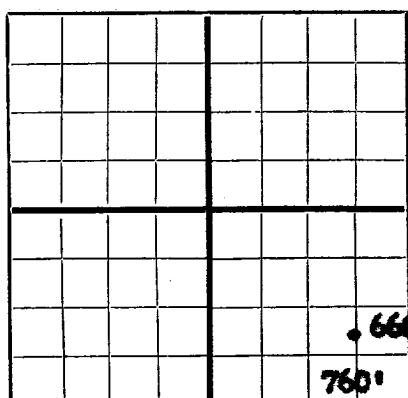
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPPLICATE. 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
H. Corrigan Well No. **7** in **SE/4** of Sec. **33**, T. **21-S**
Lease
R. **37-S**, N. M. P. M. **Branson** Field, **Lee** County.
Well is **760** feet **North** of the **South** line and **660** feet west of the East line of **Section 33**
If State land the oil and gas lease is No. _____ Assignment No. **5th Floor, 1st Nat'l Bank Bldg., Midland, Texas**
If patented land the owner is **H. Corrigan**, Address _____
If Government land the permittee is _____, Address _____
The Lessee is **Magnolia Petroleum Company**, Address **Box 727, Kermit, Texas**
Drilling commenced **June 28, 1947** Drilling was completed **August 23, 1947**
Name of drilling contractor **J. C. Hawkins**, Address **2210 Wroughton Bank Bldg, Dallas 1, Texas**
Elevation above sea level at top of casing **3449** feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from **5120** to **5170** No. 4, from _____ to _____
No. 2, from **6436** to **6580** No. 5, from _____ to _____
No. 3, from **7430** to **7440** 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	40	321	Halliburton				Surface
8-5/8"	28#	8RT	40						
8-5/8"	32#	8RT	40						
8-5/8"	32#	8RT	40						
8-5/8"	36#	8RT	40	3810	Halliburton				Intermediate
5-1/2"	17#	8RT	40	7446	Halliburton		7430	7440	Oil String
2"	4.7#	8-10 Sds.	40	7443					

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	321	290	Pump & Plug		
11"	8-5/8	3810	875	Pump & Plug		
7-7/8	5-1/2	7446	850	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material **NOEL** 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
		20% low ten. acid	1000 gals.	8-31-47	7430-7440	

Results of shooting or chemical treatment **Completing well.**RECORD OF DRILL-STEM AND SPECIAL TESTS **See reverse side.**

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 **Surface** feet to **7446** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **August 30, 1947**
The production of the first **24** hours was **135** barrels of fluid of which **200** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **41.5 @ 60°**
If gas well, cu. ft. per 24 hours **Est. 779.4 MCF** 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 **16th** **Kermit, Texas,** **January 16, 1947**

day of **January** 19 **47** Name **R. H. ...** District Superintendent
Position **Magnolia Petroleum Company**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	2.25'	2.25'	From top of rotary drive building to derrick floor.
2.25'	14.00	11.75	From derrick floor to top of 9-5/8" OD casing.
14	160	146	Surface clay & sand
160	200	40	Red bed & shells
200	334	134	Red bed & shale
			<u>Set 13-3/8" OD casing @ 321' w/250 max.</u>
334	1020	686	Red bed
1020	1180	160	Red bed & shells
1180	1330	150	Anhy. & red bed 1° @ 1200, 1490°.
1330	1823	493	Anhy. & salt 1° @ 1750
1823	2040	217	Salt, anhy. & shells 1 1/4° @ 2000; 1-3/4° @ 2086°.
2040	2443	403	Salt & anhy. 1 1/4° @ 2140; 1 1/4° @ 2200; 1° @ 2389; 1 1/4° @ 2260; 3/4° @ 2320.
2443	2703	260	Anhy. 1° @ 2450, 2500, 2572, 1° @ 2630; 1 1/4° @ 2690.
2703	2930	227	Anhy. & lime 1° @ 2755, 2840.
2930	2980	50	Lime 1° @ 2967.
2980	3030	50	Anhy. & lime
3030	3076	46	Lime & gyp
3076	3117	41	Lime, anhy. & gyp 1° @ 3100
3117	3157	40	No formation logged
3157	3202	45	Lime and gyp
3202	3282	80	Lime & anhy. 1° @ 3235.
3282	3370	88	Lime & gyp
3370	3566	196	Lime 1° @ 3445.
3566	3599	33	Lime, sandy
3599	3988	389	Lime Straight @ 3757
3988	4119	131	No formation logged
4119	4966	847	Lime
			<u>Set 8-5/8" OD casing @ 3810' w/875 max.</u>
			3/4° @ 4107; 1° @ 4408; 1° @ 4823, 4940.
4966	4976	10	Lime & sand
4976	5097	121	Lime
5097	5170	73	Lime w/odor Drilg. time 3-7 WFP, 5100 to 5170'.
5120	5170	50	D.S.T. - Tool open 1 hr. 40 min. thru 5/8" BHC & 1" surface choke, gas 60 min. (did not reach max. pressure). Est. 24 hr. gas vol. 5 WFP; Rec. 180' heavily oil & gas cut mud, 90' slightly oil & gas cut mud; SFP 0°; BHFP 0°; S-I BHP 1200°, 20 min.
5170	5486	316	Lime 1° @ 5200; 3/4° @ 5419.
5486	5540	54	No formation logged 3/4° @ 5509.
5540	5575	35	Lime, brown 1° @ 5569.
5575	6265	690	Lime 1° @ 5718; Straight @ 5788 1° @ 6046.
6265	6328	63	No formation logged
6328	6518	190	Lime 3/4° @ 6325, 6483.
6436	6518	82	D.S.T. - (Double Packer) Tool open 1 hr. 30 min. thru 5/8" BHC & 1" surface choke; gas in 3 min., mud in 20 min., oil (fine spray) 42 min. SFP 500°; BHFP 1200°-1475°; BHP S-I 15 min. 2450°; Hyd. hd. 3050°; Rec. 80' free oil, 30' oil & gas cut mud.
6518	6580	62	Lime
6515	6580	65	D.S.T. - (Double Packer) Tool open 2 1/2 hrs. thru 5/8" BHC & 1" surface choke, gas 1 hr. 22 min. (insufficient to measure), Rec. 120' gas-cut mud w/slight stain of oil, SFP 0°; BHFP 150°; Hyd. hd. 3250°; S-I BHP 1050°.
6580	6753	173	Lime
6753	6773	20	Lime & shale
6773	6841	68	Lime 2° @ 6842.
6841	6850	9	Lime & shale.
6850	7400	550	Lime 3/4° @ 6842; 1° @ 7053; 3/4° @ 7177; 1° @ 7297.
7345	7400	55	D.S.T. - (Double Packer) Tool open 2 hrs. 20 min. thru 5/8" BHC & 1" surface choke, gas 4 1/2 min., mud 35 min., oil 42 min., cleaned in pits 8 min; flowed (by 15 min. periods) 6.87, 5.5, 2.06, 4.81, 3.44, 6.29, 28.87, bbls. oil 1 1/2 hrs; GOR 4720/l. Corr. Grav. 41.7; 1.3% BSAW; SFP 100°; BHFP 840-950°; S-I BHP (15 min.) 2750°; Hyd. hd. 3750°.
7400	7445	45	Lime
7445	7446	1	Granite Wash
7400	7446	46	D.S.T. - (Double Packer) Tool open 1 hr. 53 min. thru 5/8" BHC & 1" surface choke, 1300' W.B., gas 25 min., mud 26 min., water 28 min., oil 44 min; flowed 15 min. periods, 15.12, 13.06, 13.75, 13.75, total 1 hr. 55.98 bbls. oil; Corr. Grav. 43°; 4/10 of 15 B.S. SFP 200-150°; BHFP 1200-1700°; S-I BHP 15 min. 2675°; Hyd. hd. 3725°; No rec., displaced.
7446	7449		TOTAL DEPTH Ran Schlumberger
			<u>Set 5 1/2" OD casing @ 7446' w/850 max, 100 sax thru bottom of pipe (7 sax return), 2nd stage 750 sax thru Baffle Collar @ 6950' @ 1800° pressure, and centralizers set @ 7440, 7403.78, 7371.24, 7337.49, 7303.85, 7046.42, 7013.19, 6977.67, 6942.27, 6550.40, 6518.24, 6488.17, 6455.66, 6423.40, 6391.44, 6249.24, 6216.11, 6184.36, 6152, 6121.04, and the following Baker 2 stage equipment; Top of Baker Multiplex Collar-6984'; top of Bak Baffle Collar-6950'; top of Baker Metal Petal Basket-6968', bottom-6932'.</u>
100	6780	6680	Halliburton ran Temp. Surv. - Top cement - 2935'.
6810	7443	633	Drilled out cement.
7430	7440	10	Lane Wells perforated 5 1/2" OD casing w/40 shots, 4 H.P.F.
7430	7440	10	Ran 2" tubing to 7443'.