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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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Magnolia Petroleum Company

Will Cary

Company or Operator **2** in **SW** of Sec. **21** Lease **228**  
Well No. **37E** in **660** of Sec. **3300** T. **Lea** County. **660**  
R. **660**, N. M. P. M., **3300** Field, **Lea** County.

Well is \_\_\_\_\_ feet south of the North line and \_\_\_\_\_ feet west of the East line of \_\_\_\_\_

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

If patented land the owner is **Will Cary** Address **DUPLICATE**

If Government land the permittee is **Magnolia Petroleum Company** Address **Box 900, Dallas, Texas**

The Lessee is \_\_\_\_\_ Address \_\_\_\_\_

Drilling commenced **January 27** 19 **37** Drilling was completed **March 17** 19 **37**

Name of drilling contractor **Magnolia Petroleum Company** Address **Box 900, Dallas, Texas**

Elevation above sea level at top of casing **3359** feet.

The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

OIL SANDS OR ZONES			
No. 1, from <b>3500</b> to <b>3515</b>	No. 4, from _____ to _____		
No. 2, from <b>3536</b> to <b>3560</b>	No. 5, from _____ to _____		
No. 3, from <b>3584</b> to <b>3589</b>	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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
9	40	8	Seamless	1354			No perforation	
7	24	10	"	3350			"	
2	4 1/2	11	Upset	3600			"	

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"	9	1354'	555	Halliburton		
8-7/8"	7	3350	200	Halliburton		

PLUGS AND ADAPTERS

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
4 1/2"	11	Nitroglycerin	220	3-17-37	3508-3604	To bottom

Results of shooting or chemical treatment **No test before shot**

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 **1354** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable toops were used from **1354** feet to **3620** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **March 17** 19 **37**

The production of the first 24 hours was **100** barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_

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

Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**Magnolia Petroleum Company**, 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 **14** day of **April**, 19**37** at **Dallas, Texas** Date **April 14, 1937**

Name **L. Smith**

Position **Clerk**

Representing **Magnolia Petroleum Company**

My Commission expires **6/1/40** Company or Operator \_\_\_\_\_

Address \_\_\_\_\_

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Sand
20	35	15	Caliche
35	140	105	Sand
140	475	335	Red Rock & shell
475	587	112	Shell, sand & Red Rock
587	643	56	Lime & Red Rock
643	940	297	Red Rock & shells
940	1113	173	Red shale & shells
			Rotary Deviation 506' 1 Deg Off
			9" OD Casing 1008' straight cemented 1354'
			1368' 1 Deg off w/555 sx cement
1113	1229	116	Anhydrite
1229	1241	12	Salt
1241	1368	127	Anhyd & salt
1368			Bottom Rotary hole
1368			Start cable tools
1368	1375	7	Anhydrite
1375	1385	10	Salt
1385	1445	60	Anhydrite
1445	1470	25	Salt & Red Rock
1470	1540	70	Anhyd & Potash
1540	1735	195	Salt & Anhyd
1735	1745	10	Red Rock
1745	1855	110	Salt & anhyd
1855	1890	35	Potash & anhyd
1890	2400	510	Salt & anhyd
2400	2495	95	Anhyd
2495	2520	25	Lime & anhyd
2520	2555	35	Anhyd
2555	2565	10	Grey Lime
2565	2590	25	Grey lime & anhyd
2590	2645	55	Anhydrite
2645	2670	25	Brkn lime & shell
2670	2675	5	Red Rock
2675	2735	60	Anhydrite
2735	2765	30	Grey lime & anhyd
2765	2780	15	Brown lime
2780	2795	15	Anhydrite
2795	2810	15	Brown Lime
2810	2820	10	Anhydrite
2820	2830	10	Broken Lime
2830	2850	20	Lime & anhyd
2850	2950	100	Brown lime
2950	3044	94	Grey lime
3044	3103	59	Brown lime
3103	3175	72	Grey Lime
3175	3197	22	Broken Lime
3197	3205	8	Red Rock
3205	3311	106	Grey Lime
3311	3314	3	Blue shale
3314	3500	186	Grey Lime
3500	3515	15	Brown sandy lime
3515	3516	1	Green shale
3516	3536	20	Grey lime
3536	3540	4	Brown lime
3540	3555	15	Sandy lime
3555	3570	15	Broken Lime
3570	3575	5	Hard sandy lime
3575	3579	4	Grey lime
3579	3584	5	Broken Lime
3584	3589	5	sand
			Increase of oil & Gas 3584-3589
Run steel line Meas.	3597	3597	Corrected Measurement
3597	3620	23	Grey lime
3620'	Total Depth		