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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

MAGNOLIA PETROLEUM COMPANY

E. O. Carson

Company or Operator

Lease

Well No. 3 in SW SW of Sec. 28, T. 21S

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

Well is 660' North of feet/south of the North line and 660' east of feet/west of the East line of SW S W S W

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 Dallas, Texas

Drilling commenced Nov. 4, 1936 Drilling was completed January 2, 1937

Name of drilling contractor Magnolia Petroleum Company, Address Dallas, Texas

Elevation above sea level at top of casing 3467' feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2540 to 2545 No. 4, from 3698 to 3715

No. 2, from 3475 to 3484 No. 5, from 3715 to 3763

No. 3, from 3654 to 3656 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" OD	36		#2 Seamless	1394				
7" OD	24		Natl. Seamless	3655				

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"	1394	300	Hyd Halliburton	12#	25-T ons
8 1/2"	7"	3625	200	do	12#	Holemade mud

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"	3	Glyderine	80 Qts.	1-3-37	3698-3760'	3775'
		Ant. Load 25 bbls. Acid	5000	1-7-37	3775	3775'

Results of shooting or chemical treatment Shot 80 qts. potential before 10 bbls. after 10 bbls. oil
Treated 5000 gal. acid before 10 bbls./after 84 bbls. 16 hrs.

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 1377 feet, and from feet to feet

Cable toops were used from 1377 feet to 3775 feet, and from feet to feet

PRODUCTION

Put to producing January 5, 1937 after shot

The production of the first 24 hours was 10 / 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

R. D. Myers, 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 28th

Dallas, Texas January 28, 1937

Place

Date

day of January, 1937

Name K. Bullock

Position Clerk

Representing Magnolia Petroleum Company

Company or Operator

My Commission expires June 1, 1937

Address Box 900, Dallas, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15	15	Caliche
15	150	135	Broken sand and gravel
150	170	20	hard sand and red rock
170	657	487	red rock and lime shells
657	758	101	red shale and lime shells
758	880	122	hard sand and shells
880	1085	205	shells and red rock
1085	1180	95	shale and shells
1180	1312	132	Anhydrite
1312	1337	25	salt
1337	1355	18	Anhydrite
1355	1377	22	salt - 9" set 1377 w/300 sacks cement
Cable Tools started Nov. 11, 1936			
1377	1400	23	red rock and shells
1400	1485	85	red rock and salt
1485	1540	55	Anhydrite
1540	1735	195	salt and Anhydrite
1735	1755	20	red shale
1755	1790	35	red rock
1790	1855	65	salt and red rock
1855	1870	15	Anhydrite
1870	1885	15	salt
1885	2025	140	salt and red rock
2025	2075	50	Anhydrite
2075	2400	325	salt and Anhydrite
2400	2490	90	Anhydrite
2490	2540	50	Anhydrite and lime
2540	2545	5	sand Gas
2545	2605	60	lime and Anhydrite
2605	2640	35	broken lime
2640	2755	15	Anhydrite
2755	2765	10	Lime
2765	2795	30	Anhydrite and lime
2795	2920	125	broken lime
2920	2945	25	brown lime
2945	2955	10	lime gray
2955	2965	10	Anhydrite and lime
2965	3094	129	brown lime
3094	3115	21	lime gray
3115	3140	25	broken lime
3140	3165	25	lime gray
3165	3192	27	Anhydrite and lime
3192	3200	8	lime
3200	3210	10	red rock
3210	3235	25	lime gray
3235	3375	145	broken lime
3375	3491	116	lime gray
3491	3499	8	sandy lime
3499	3620	121	gray lime
3620	3622	2	green shale - 7" set 3625' w/200 sacks cement
3622	3654	32	lime Tested 7" casing 600# Pressure Tested O.K.
3654	3656	2	sand - Sulphur gas
3656	3708	52	gray lime
3708	3720	12	broken lime and sand
3720	3754	34	gray lime
3754	3757	3	broken soft lime
3757	3775	18	lime Total depth -