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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 additional data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company
Company or Operator

Cordelia Hardy
Lease

Well No. 1 in NW¹ of Sec. 29, T. 21S

R. 3'E, N. M. P. M., Hardy area Field, Lea County.

Well is 330 feet north of south line and 330 feet east of west line of SW¹ SW¹ NW¹

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

If patented land the owner is Cordelia L. Hardy Address Lucedale, Miss.

If Government land the permittee is _____ Address _____

The Lessee is Magnolia Petroleum Company Address Box 900, Dallas, Texas

Drilling commenced June 24 19 37 Drilling was completed September 22 19 37

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

Elevation above sea level at top of casing 3483 feet.

The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 3700 to 3703 No. 4, from 3755 to 3760

No. 2, from 3707 to 3710 No. 5, from _____ to _____

No. 3, from 3728 to 3735 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
13-3/8	54		Seamless	68				
9-5/8	36		"	1344				
7	24		"	3625				
2	4.70		"	3772				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

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
3	60'	nitro-glycerine	140 qts.	9-22-37	3700-3760	All

Results of shooting or chemical treatment 120 bbls. oil in 24 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 top feet to 1344 feet, and from _____ feet to _____ feet

Cable toops were used from 1344 feet to 3776 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____, 19 _____

The production of the first 24 hours was _____ 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. T. German, Sup't., 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 25 Dallas, Texas October 20, 1937

day of October, 19 37 Name L. Smith

Lathleen Bullock Position Clerk

Dallas County, Tex. Notary Public Representing Magnolia Petroleum Company

My Commission expires 6-1-39 Company or Operator. Address Dallas, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	14		Cellar
14	22		Caliche
22	89		Sand & Gravel Run 68' 13 3/8" csg
89	129		Water Sand
129	140		Red Bed Rotary Deviation
140	265		Red Bed, Sand & Shale 551' 1 deg off
265	330		Black Slate 1030' 1 " "
330	463		Red Rock 1344' 1 " "
463	868		Shale & Shell
868	1190		Sand & Shale Cemented 1344' of 9 5/8" csg
1190	1294		Anhydrite w/310 sx cement
1294	1344		Salt, Bottom Rotary Hole
1344	1415		Salt, Cable tools
1415	1430		Shells & Salt
1430	1460		Salt
1460	1505		Anhyd & Salt
1505	1655		Salt
1655	1735		Anhyd & Potash
1655	1735		Salt & Potash
1735	1780		Anhyd & Salt
1780	1945		Salt & Potash
1945	2005		Salt & Anhyd
2005	2465		Anhyd
2465	2560		Lime & Anhyd
2560	2583		Anhyd
2583	2610		Brown Shale
2610	2613		Pink Shale
2613	2641		Anhyd
2641	2740		Anhyd & Lime
2740	2773		Anhydrite
2773	2787		Brown Lime
2787	2835		Anhydrite
2835	2860		Brown Lime
2860	2885		Lime & Anhyd
2885	2910		Brown Lime
2910	2945		Lime
2945	2967		Brown Lime
2967	3174		Grey Lime
3174	3196		Brkn White Lime
3196	3210		Brown Lime
3210	3246		Grey Lime
3246	3270		Brown Lime
3270	3320		Grey Lime
3320	3344		Brown Lime
3344	3390		Grey Lime
3390	3577		Blue Shale
3577	3580		Steel Line Measure Grey Lime
3580	3619		Green Shale, Steel Line Measure
3619	3622		Grey Lime, (Cemented 7" csg 3625' 175 sx cement,
3622	3694		Grey Lime, (3 sx aquagel
3694	3707		Sulphur gas 33700-03' 250,000
3707	3710		Sandy Lime Est. 300,000
3710	3728		Grey Lime
3728	3735		Oil Sand, Filled up 2000' in 3 hrs
3735	3755		Gray Lime
3755	3760		Pay Lime
3760	3776		Hard Lime