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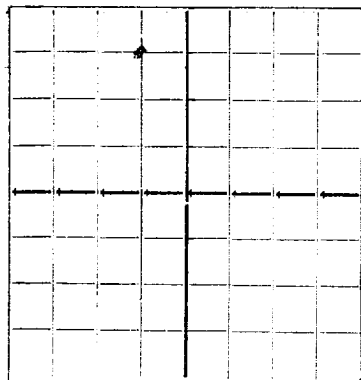
## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

JAN 11 1939

BOBOS OFFICE

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 TRIPLICATE.

DUPLICATE

Magnolia Petroleum Company Box 900, Dallas, Texas  
Company or Operator Address

Cordell Hardy Well No. 3 in NE 1/4 of Sec. 29, T. 21S  
Lease

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

Well is 660 feet south of the North line and 660 feet west of the East line of NE 1/4

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

If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_

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

Drilling commenced October 7, 19 38 Drilling was completed December 6, 19 38

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

Elevation above sea level at top of casing 3488 feet.

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

## OIL SANDS OR ZONES

No. 1, from 3686 to 3689 No. 4, from 3760 to 3810

No. 2, from 3700 to 3705 No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from 3720 to 3725 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
<u>9-5/8</u>				<u>289</u>				
<u>9-5/8</u>				<u>933' 19"</u>				
<u>7</u>				<u>3677'</u>				
<u>2</u>				<u>3719'</u>				

## 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
<u>3 1/2</u>			<u>220 qts.</u>	<u>12-7-38</u>	<u>3700-3810</u>	

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 top feet to 3670 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from 3670 feet to bottom feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing \_\_\_\_\_ 19 \_\_\_\_\_

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 R. H. Alexander, Sup't. ~~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 9day of January 19 39Dallas County Texas Notary PublicMy Commission expires 6-1-39

Dallas, Texas Jan. 4, 1939

Name L. SmithPosition ClerkRepresenting Magnolia Petroleum Company  
Company or OperatorAddress Box 900, Dallas

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18		Cellar
18	40		Caliche
40	150		Sand & shells
150	372		Redrock & hd shells
372	1035		Red ock & red bed
1035	1083		Red rock
1083	1170		Red rock & sticky shale, cemented 9-5/8" csg 1239' w/200 sx cement, 6 aquagel
1170	1220		Red Rock
1220	1310		Anhydrite
1310	2424		Anhydrite & salt
2424	2460		Anhydrite
2460	2815		Anhydrite & gypsum
2815	3090		Anhydrite
3090	3505		Lime
3505	3507		Sand
3507	3522		Lime
3522	3529		Shale
3529	3544		Lime
3544	3550		Sand
3550	3575		Lime
3575	3580		Lime & brkn sand
3580	3585		Lime, cemented 7" csg at 3670' w/175 sx cement, 6 aquagel
3585	3590		Lime
3590	3670		Lime, Bottom rotary hole
3670	3686		Lime, cable tools
3686	3689		Gas sand, Steel line correction, 3773 to 3782, Possible
3689	3785		Lime
3785	3791		Soft lime, Increase in oil & gas
3791	3810		Lime
	3810'		TOTAL DEPTH