

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE

RECEIVED  
FEB 20 1947


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Magnolia Petroleum Company

Box 900

Dallas 1, Texas

Black Hills Unit (Headley)

1

NE

31

Address

17-S

20-E

Well No.

Wildcat

in

of Sec.

Chaves

County.

R. 660 N. M. P. M.

Field,

County.

Well is 660 feet south of the North line and 1980 feet west of the East line of NW4 NE4

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 Magnolia Petroleum Company Address Box 900 Dallas 1

The Lessee is Address

Drilling commenced June 28 1946 Drilling was completed November 5 1946

Name of drilling contractor Magnolia Petroleum Co. Address Box 900 Dallas 1

Elevation above sea level at top of casing 4905 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to 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		PURPOSE
							FROM	TO	
13-3/8	48#	8rt Grade H-40 SW		705					
9-5/8	40#	8rt Grade J-55 SS		4476					

## 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

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 0 feet to 6085 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing Dry 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

Driller Magnolia Petroleum Co. 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 17

day of February 1947

Dorothy A. Noel Notary Public

My Commission expires June 1, 1947

Dallas, Texas

February 17, 1947

Place

Date

Name M. Kimberlin

Position Clerk

Representing Magnolia Petroleum Company

Company or Operator

Address Box 900 Dallas 1, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1.4		From rotary drive bushing to derrick floor
1.4	16		From derrick floor to top of 13-3/8" casing
16	49		Rock
49	170		Rock and sand
170	195		Hard rock and sand
195	246		Hard rock
246	452		Hard rock
452	540		Rock
540	580		Rock and sand
580	625		Rock
625	692		Lime
692	716		Hard lime
716	810		Sandy lime
810	871		Sand
871	901		Sand and broken lime
901	1075		Sand
1075	1143		No return, no formation log
1143	1205		Hard lime and sand
1205	1225		Lime and sand
1225	1639		Lime and anhydrite
1639	1685		Lime
1685	1690		Brown lime
1690	1700		Dolomite
1700	1790		Lime
1790	1832		Lime and anhydrite
1832	1863		Lime
1863	1948		Lime and anhydrite
1948	1979		Lime
1979	2061		Lime anhydrite
2061	2087		Lime
2087	2154		Lime and anhydrite
2154	2181		Gyp, anhydrite and dolomite
2181	2200		Anhydrite, lime & gyp
2200	2288		Anhydrite and lime
2288	2308		Lime, anhydrite and gyp
2308	2334		Lime and anhydrite
2334	2365		Lime
2365	2373		Lime and anhydrite
2373	2396		Sandy shale
2396	2426		Sandy lime
2426	2431		Red bed and sand
2431	2458		Sandy shale
2458	2474		Red bed
2474	2490		Red bed and gyp
2490	2493		Red bed and anhydrite
2493	2506		Red bed and gyp
2506	2517		Anhydrite and red bed
2517	2512		SLC
2512	2547		Anhydrite, sand and gyp
2547	2570		Anhydrite and lime
2570	2625		Lime, anhydrite and gyp
2625	2789		Lime and anhydrite
2789	2821		Lime, anhydrite and gyp
2821	2830		Lime and anhydrite
2830	2852		Anhydrite, shale & dolomite
2852	2877		Lime, anhydrite and gyp
2877	2892		Lime and anhydrite
2892	2941		Lime, anhydrite and gyp
2941	2963		Lime and anhydrite
2963	2970		Blue shale, anhy & red shale
2970	3006		Red shale and dolomite
3006	3086		Red shale
3086	3110		Dolomite and red shale
3110	3149		Lime, gyp and red bed
3149	3155		Red shale and dolomite
3155	3183		Lime, gyp, shale and red bed
3183	3205		Lime, shale and red bed
3205	3213		Lime, gyp and red bed
3213	3217		Lime and red bed
3217	3237		Red bed and dolomite
3237	3252		Lime
3252	3270		Lime and anhydrite
3270	3280		Red shale and dolomite
3280	3380		Red shale, dolomite and gyp
3380	3406		Dolomite, gray lime & gyp
3406	3433		Shale and dolomite
3433	3476		Red rock and shale
3476	3500		Red bed
3500	3590		Red bed and shale
3590	3617		Red bed, shale and sand
3617	3636		Red bed and shale
3636	3698		Red bed and sandy shale
3698	3712		Red bed and dolomite
3712	3754		Red bed and sandy shale
3754	3776		Red bed
3776	3832		Red bed and sandy shale
3832	3845		Red bed and sandy shale
3845	3879		Dolomite and red rock
3879	3920		Sandstone and broken chert
3920	3988		Red bed and dolomite
3988	4006		Red bed, sand and dolomite
4006	4027		Red bed and dolomite
4027	4070		Red shale and dolomite
4070	4218		Red bed and dolomite
4218	4228		Red bed and sandy shale
4228	4274		Red shale
4274	4287		Red shale and sand
4287	4309		Red shale
4309	4324		Red shale and dolomite
4324	4353		Red shale
4353	4380		Red shale and sand
4380	4385		Blue shale
4385	4387		Blue shale and dolomite
4387	4397		Gray shale and light brown lime
4397	4417		Gray shale and lime
4417	4439		Lime
4439	4461		Sandy lime
4461	4542		Lime
4542	4558		Lime and chert
4558	4573		Lime and chert and shale
4573	4586		Lime and black shale
4586	4591		Gray lime
4591	4634		Lime and shale
4634	4651		Lime, shale and chert
4651	4662		Lime and chert
4662	4725		Lime and shale
4725	4742		Lime and chert