

SEP 15 1949

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Magnolia Petroleum Company**  
Company or Operator  
**Jack Markham** Well No. **1** in **SE/4** of Sec. **11**, T. **9-S**  
Lease  
R. **35-E**, N. M. P. M. **Unamed** Field, **Lee** County.  
Well is **660** feet **South** of the **South** line and **660** feet west of the East line of **Section 11**  
If State land the oil and gas lease is No. Assignment No. **906 Ave. "0"**  
If patented land the owner is **Jack Markham** Address **Lubbock, Texas**  
If Government land the permittee is Address  
The Lessee is **Magnolia Petroleum Company** Address **Box 727, Kermit, Texas**  
Drilling commenced **May 24** 19 **49** Drilling was completed **August 25** 19 **49**  
Name of drilling contractor **Magnolia Petroleum Company** Address **Box 633, Midland, Texas**  
Elevation above sea level at top of casing **4140** feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from **9645** to **9654** No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS **see reverse**

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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>13-3/8</b>	<b>488</b>	<b>8RT</b>	<b>H-40SS</b>	<b>383</b>	<b>Halliburton</b>				<b>Surface</b>
<b>9-5/8"</b>	<b>368</b>	<b>8RT</b>	<b>J-55SS</b>	<b>5000</b>	<b>Halliburton</b>				<b>Intermediate</b>
<b>7"</b>	<b>268</b>	<b>8RT</b>	<b>J-55SS</b>	<b>9668</b>	<b>Halliburton</b>		<b>9645</b>	<b>9654</b>	<b>Oil String</b>
<b>2"</b>	<b>4.78</b>	<b>8RT</b>	<b>J-55SS</b>	<b>9661</b>					

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17-1/2</b>	<b>13-3/8</b>	<b>383</b>	<b>375</b>	<b>Pump &amp; plug</b>		
<b>12-1/4</b>	<b>9-5/8</b>	<b>5000</b>	<b>370 + 3225</b>	<b>Pump &amp; Plug</b>		
<b>8-3/4</b>	<b>7"</b>	<b>9668</b>	<b>225 + 1100</b>	<b>Pump &amp; Plug</b>		

PLUGS AND ADAPTERS **None**

Heaving plug—Material Length Depth Set  
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT **None**

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment **None**

## 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 **9664** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing **September 2** 19 **49**  
The production of the first 24 hours was **390** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **47.1° & 60°**  
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 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 **8th** **Kermit, Texas** **September 8, 1949**  
day of **September** 19 **49** Name **W. A. [Signature]** Date  
Position **Dist. Supt.**  
Representing **Magnolia Petroleum Company**  
Company or Operator  
Address **Box 727, Kermit, Texas**  
My Commission expires **June 1, 1951**

JAN B. COMFORT, Notary Public  
In and for the State of Texas  
Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
4000	8895	4895	<p><u>140 sec. vent thru the collar</u>  Centralisers at 9662.72,  9626.52, 9561.74, 8953.72,  8938.72, 5013.25, 4947.91</p> <p>Halliburton Ran Temp. survey Approx. top cement 5350'</p> <p>Tested 7" OD casing. before  drilling plug 1 hr. 1200#  no break, drilled out and  tested Cementing collar  1200# 1 hr. no break</p>
9662 9645	9654	9	<p>Drilled out  Lane Wells perf. 7" OD casing. w/4 SPF (Jet)</p> <p><u>Ran 2" tubing at 9661' with Lane Wells</u>  <u>Hook Wall Packer at 9606'</u></p> <p>Potential test: Flowed 390 BO 24 hrs. thru 1/4"  Pos. choke TP 1075#-1075#, CP (Packer installed)  Gravity 47.1° @ 60", GOR 1725/l, S/O no BS or water,  Est. 24 hr. capacity 390 BO thru 1/4" choke</p>