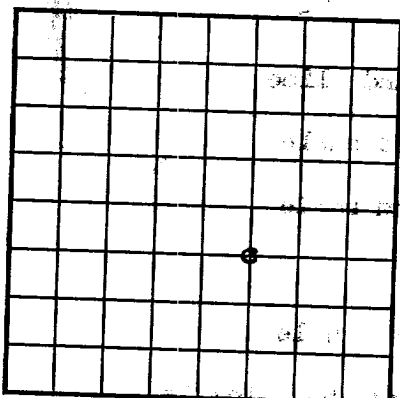




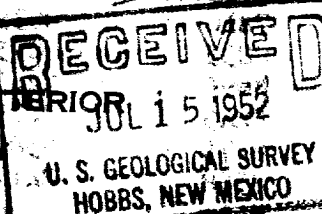
LOCATE WELL CORRECTLY

1952
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. LAND OFFICE - Las Cruces

SERIAL NUMBER 060420

LEASE OR PERMIT TO PROSPECT



LOG OF OIL OR GAS WELL

Company Magnolia Petroleum Company Address Box 633 Midland, Texas
Lessor or Tract Capps-Federal Field Bough State New MexicoWell No. 1 Sec. 13 T. 9 S. R. 35 E Meridian N.M. P.N. County LeaLocation 660 ft. of N Line and 1980 of E Line of Sec. 13 Elevation 4103
(Derrick floor relative to surface)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed R. T. GermanTitle Division SuperintendentDate July 9, 1952

The summary on this page is for the condition of the well at above date.

Commenced drilling February 28, 19 52 Finished drilling May 7, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9590 to 9634 No. 4, from _____ to _____No. 2, from (Bough) to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from (None Known) to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10-3/4 @ 465</u>									
<u>7-5/8 @ 4300</u>									
<u>5-1/2 @ 9590</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4 @ 465</u>		<u>350 Sack</u>	<u>Pump & Plug</u>		
<u>7-5/8 @ 4300</u>		<u>2628 Sack</u>			
<u>5-1/2 @ 9590</u>		<u>700 Sack</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	<u>None</u>					

TOOLS USED

Rotary tools were used from 0 feet to 9634 feet, and from _____ feet to _____ feetCable tools were used from None feet to _____ feet, and from _____ feet to _____ feet

DATES

The production for the first 24 hours was 315.13 barrels of fluid of which _____ % was oil; _____ % emulsion; (No water); and _____ % sediment.If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. 40.1° - 60°

Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

SOUTHEASTERN DRILLING CO., Driller _____, Driller(ROTARY) DALLAS, TEXAS., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>465</u>	<u>465</u>	<u>Caliche + Red Bed - Set 10 3/4" @ 465' w/ 350 SA.</u>
<u>465</u>	<u>1580</u>	<u>1115</u>	<u>Red Bed</u>
<u>1580</u>	<u>1880</u>	<u>300</u>	<u>Red rock and anhydrite</u>
<u>1880</u>	<u>2118</u>	<u>238</u>	<u>Red rock and shells</u>
<u>2118</u>	<u>2230</u>	<u>112</u>	<u>Red bed</u>
<u>2230</u>	<u>2955</u>	<u>725</u>	<u>Salt and anhydrite</u>
<u>2955</u>	<u>3230</u>	<u>275</u>	<u>Red bed</u>
<u>3230</u>	<u>3370</u>	<u>140</u>	<u>Anhydrite</u>
<u>3370</u>	<u>3800</u>	<u>430</u>	<u>Anhydrite and shale</u>
<u>3800</u>	<u>3935</u>	<u>135</u>	<u>Anhydrite and salt</u>
<u>3935</u>	<u>4030</u>	<u>95</u>	<u>Anhydrite and shale</u>
<u>4030</u>	<u>4064</u>	<u>34</u>	<u>Lime and shale</u>
<u>4064</u>	<u>4084</u>	<u>20</u>	<u>Lime</u>
<u>4084</u>	<u>4135</u>	<u>51</u>	<u>Lime and anhydrite</u>
<u>4135</u>	<u>4200</u>	<u>65</u>	<u>Lime</u>
<u>4200</u>	<u>4300</u>	<u>100</u>	<u>Lime, Set 7 7/8" @ 4300' w/ 2628 SA.</u>
<u>4300</u>	<u>5260</u>	<u>960</u>	<u>Lime</u>
<u>5260</u>	<u>5332</u>	<u>72</u>	<u>Lime and chert</u>
<u>5332</u>	<u>6475</u>	<u>1143</u>	<u>Lime</u>
<u>6475</u>	<u>6565</u>	<u>90</u>	<u>Lime and salt</u>
<u>6565</u>	<u>7360</u>	<u>795</u>	<u>Lime</u>
<u>7360</u>	<u>7399</u>	<u>39</u>	<u>Lime and shale</u>
<u>7399</u>	<u>7425</u>	<u>26</u>	<u>Lime</u>
<u>7425</u>	<u>7537</u>	<u>112</u>	<u>Lime and shale</u>
<u>7537</u>	<u>7620</u>	<u>83</u>	<u>Lime</u>
<u>7620</u>	<u>7649</u>	<u>29</u>	<u>Lime and shale</u>

FORMATION RECORD—Continued

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

16-43094-1

U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

[illegible]

FORMATION RECORD (cont'd.)