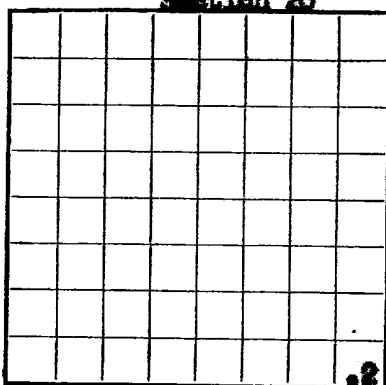


Section 26



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 31-0916
LEASE OR PERMIT TO PROSPECT Simmons Federal #2UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
OCT 13 1958
U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico
Lessor or Tract Simmons Federal Field Forest State New Mexico
Well No. 2 Sec. 26 T. 16S R. 29E Meridian N.M.P.M. County Eddy
Location 330 ft. ^[N.] of S Line and 330 ft. ^[W.] of E Line of Sec. 26 Elevation 3689
(Derrick floor relative to sea level)

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 G. S. Young, Jr. Title District SuperintendentDate October 7, 1958

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

Commenced drilling 7-25, 1958 Finished drilling 8-23, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2597 to 2665 No. 4, from _____ to _____
No. 2, from _____ 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 _____ 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</u>	<u>32.75</u>	<u>8PT</u>	<u>H-40</u>	<u>4701</u>					<u>Surface</u>
<u>5 1/2</u>	<u>15.75</u>	<u>8PT</u>	<u>H-40</u>	<u>4501</u>					<u>Oil bearing</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</u>	<u>470</u>	<u>100</u>	<u>Pump & plug</u>		
<u>5 1/2</u>	<u>2597</u>	<u>150</u>	<u>Pump & plug</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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2665 feet, and from _____ feet to _____ feet

DATES

Temporarily abandoned 10-3-58 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

FROM—	TO—	TOTAL FEET	FORMATION
<u>932</u>	<u>1105</u>	<u>173</u>	<u>Base Salt</u>
<u>1105</u>	<u>1890</u>	<u>785</u>	<u>Yates</u>
<u>1890</u>	<u>2440</u>	<u>550</u>	<u>Queen</u>
<u>2440</u>	<u>2492</u>	<u>52</u>	<u>Loce Hills</u>
<u>2492</u>	<u>2630</u>	<u>138</u>	<u>Metax</u>
<u>2630</u>	<u>2660</u>	<u>30</u>	<u>Premier sand</u>
<u>2660</u>	<u>2665</u>	<u>5</u>	<u>San Andres</u>

PERFORATIONS OR OPEN HOLE

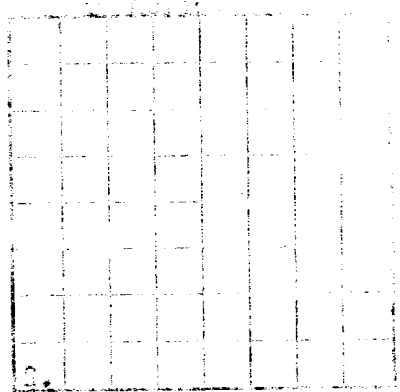
Open hole 2597-2665.

POTENTIAL

Temporarily abandoned 10-3-58.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



The information given herewith is a complete and correct record of the work done in the well and of the results of the tests made. It is to be used for the purpose of correlating the well with other wells in the field and for the purpose of determining the value of the well.

The summary of this log is for the purpose of correlating the well with other wells in the field and for the purpose of determining the value of the well. It is to be used for the purpose of correlating the well with other wells in the field and for the purpose of determining the value of the well.

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.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-		TO-		TOTAL FEET		FORMATION	
Admission-Material		History of the well		Depth		Depth	
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Admission-Material		History of the well		Depth		Depth	

SUMMARY

- 7-11-58 Staked location.
7-25-58 Commenced drilling operations (Spud Date).
7-28-58 Ran 470' of 10 3/4" csg set @ 470' cem w/100 sks. Plug down 4:40 PM.
7-29-58 Coleman Petroleum Engineering Company ran temperature survey from 50' to 447'. Top cement @ 220'.
7-29-58 Tested 10 3/4" csg 1 hr before and 1 hr before and 1 hr after drilling plug, tested OK.
8-19-58 Ran 2597' of 5 1/2" csg set @ 2597' cem w/100 sks 4% Gel + 50 sks neat. Plug to 2562. Plug Down 5:00 AM. WOC 25 hrs.
8-19-58 Coleman Petroleum Engineering Company ran temperature survey from 500' to 2465'. Top cement @ 1750'.
8-20-58 Tested 5 1/2", bailed dry, remained dry 1 hr.
8-23-58 Total Depth reached. Open hole 2597'-2665'.
8-23-58 Frontier Perforators, Inc. ran Gamma Ray, Neutron and Isotron logs from 0' to 2665'.
8-23-58 Rig released @ 12 midnight.
8-26-58 I-Perf dumped 250 gals 15% acid in hole & sand oil frac w/20,000 gals 1st crude + 20,000# sand + 2000# Adomite.
9- 9-58 Dowell sand wtr frac w/40,000 gals wtr + 40,000# sand (35,000# 20-40 mesh + 5,000# 10-20 mesh sand) + 3000 gals 15% acid.
9-14-58 Ran 2" tbg to 2635', tbg perf 2617'-20, seating nipple @ 2616, ran rods & pump. Pumped 16 hrs, no gauge.
9-14-58 Released pulling unit 5:00 PM.
9-15-58 to 10-2-58 Pumping lead water & lead oil.
10-2-58 Pull rods & 2" tbg.
10-3-58 Capped & temporarily abandoned well.

YHJ:ME

[illegible]