

JAN 14 1961

Las Cruces

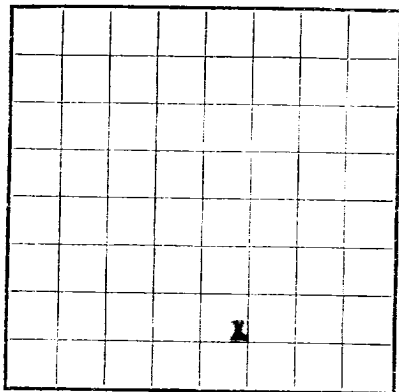
U. S. LAND OFFICE

SERIAL NUMBER

M-016708

LEASE OR PERMIT TO PROSPECT

ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Humble Oil & Refining Company**

Address

Box 2347 - Hobbs, New Mexico
Box 2180 - Houston 1, TexasLessor or Tract **Federal Empire Abo**

Field

Empire Abo

State

New MexicoWell No. **3**Sec. **3**T. **12S**R. **27E**

Meridian

Township

County

EddyLocation **660**

ft. N. of

3

Line and

1900

ft. E. of

1

Line of

Section 1Elevation **3640**

(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

Date

December 3, 1959Title **Agent**

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

Commenced drilling

October 7,19**59**

Finished drilling

November 8,19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None** to _____ 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 **None** 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—	
8-5/8	21	3	1-35	1509	Baker				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1522	850	umped		

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
	None					

TOOLS USED

Rotary tools were used from **Surface** feet to **6365** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **Dry Hole**, 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. _____

FOLD MARK

HISTORY OF OIL OR GAS 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.

WELL LOG RECORD

Formation		Type Tested		Size Choke		Open Pressure		Recovery - Feet		Date Test Run		In Top Bottom		Flow Rate in Oil Water and Other	
10-30	CH	5840	5915	1"	5/8"	45	40	60	10						
11-3	CH	5213	6150	1"	5/8"	60	45	145							
11-4	CH	6250	6275	1"	5/8"	60	50	215							
11-6	CH	6330	6365	1"	5/8"	105	510	2290							
11-7	CH	6264	6288	1"	5/8"	90	46	94	30						
Was cut drilling and															
specially sulphur water															
Core: None															

Drilled by Russell & McGee Drilling Company, Hobbs, New Mexico

Material lost in holes: None

Maximum deviation: 3-1/2 degrees at 5365 and 5675'

Drilled w/ water for mud to a depth of 5296 before mudding up

Core: None

The well was plugged and abandoned by setting cement plugs as follows: 6365-6365 w/ 35 cc
5608-5608 w/ 70 cc
5365-5365 w/ 35 cc cement. Intervals between
plugs were filled with red lead. All 8-5/8" casing was left in hole. Installed
regulation dry hole marker.