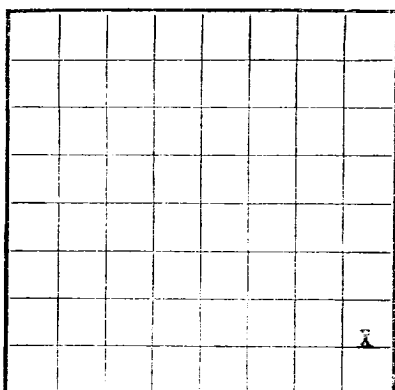




LOCATE WELL CORRECTLY

RECEIVED

JAN 31 1962

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOU. S. LAND OFFICE NM-016788
Lease ~~XXXX~~ NUMBER 207053
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2347, Hobbs, New Mexico
Lessor or Tract Federal Empire Abo Field Empire Abo State New Mexico
Well No. 4 Sec. 1 T-18-5R-27-3 Meridian 24N County Eddy
Location 940 ft. N. of 3 Line and 330 ft. E. of 2 Line of Sec. 1 Elevation 3515
(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.

ORIGINAL
SIGNED: ARVIN D. EADY
Signed

Date January 2, 1962 Title Agent

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

Commenced drilling November 16, 1961 Finished drilling December 2, 1961
Date Well Completed: 12-14-61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6218 to 6226 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>3-5/8"</u>	<u>24</u>	<u>8.625</u>	<u>Unk</u>	<u>1481</u>	<u>Larkin</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>4-1/2"</u>	<u>11.6</u>	<u>9.5</u>	<u>Unk</u>	<u>6239</u>	<u>Larkin</u>	<u>-</u>	<u>6218</u>	<u>6226</u>	<u>Oil String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3-5/8"</u>	<u>1494</u>	<u>220</u>	<u>Pumped</u>	<u>-</u>	<u>-</u>
<u>4-1/2"</u>	<u>6250</u>	<u>350</u>	<u>Pumped</u>	<u>-</u>	<u>-</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>Sand</u>					

TOOLS USED

Rotary tools were used from 0 feet to 6250 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Driller's Total Depth
January 29, 1962 Put to producing December 10, 1961

The production for the first 24 hours was 221 barrels of fluid of which 35% was oil; _____% emulsion; 65% water; and _____% sediment. Gravity, °Bé. 44.2

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. H. Garre, Driller G. T. Stanford, Driller
G. T. Williams, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	830	830	Anhydrite
830	1155	325	Gyp and Chalky Lime
1155	1283	128	Gyp and anhydrite
1283	1400	117	Anhydrite
1400	6250	4850	Lime
	<u>T.L.</u>		
			<u>Formation logs</u>
			<u>San Andres 2020</u>
			<u>Glorieta 3514</u>
			<u>Abo Reef 6215</u>

[illegible]

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