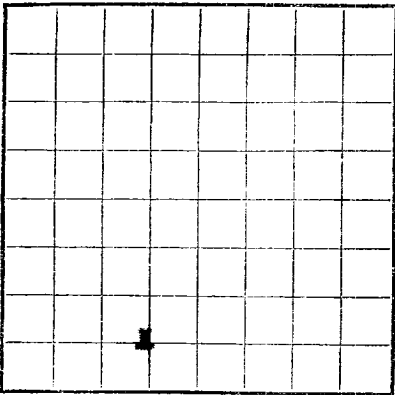


U. S. LAND OFFICE
NUMBER
1

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 1180, Houston, Texas
Lessor or Tract Ac 347, Hobbs, New Mexico Field Ac 347 State New Mexico
Well No. 5 Sec. 4 T. 18S R. 27E Meridian Ac 347 County Ac 347
Location 30 ft. N. of 4 Line and 330 ft. E. of 4 Line of Section 4 Elevation 337
(Derrick floor relative to 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: R. P. ALWORTH
SIGNED: R. P. Alworth

Date April 29, 1960 Title District Superintendent
The summary on this page is for the condition of the well at above date.

Commenced drilling March 21, 1960 Finished drilling April 12, 1960

OIL OR GAS SANDS OR ZONES Completion Date: 4-1-60

(Denote gas by G)

No. 1, from 5370 to 5505 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>8-5/8</u>	<u>24.2</u>	<u>8.0</u>	<u>API</u>	<u>14.8</u>	<u>API</u>	<u>5505</u>	<u>5505</u>	<u>5505</u>	<u>Surface</u>
<u>4-1/2</u>	<u>9.5</u>	<u>8.0</u>	<u>API</u>	<u>540</u>	<u>API</u>	<u>5505</u>	<u>5505</u>	<u>5505</u>	<u>Drill</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>1518</u>	<u>750</u>	<u>Pumped</u>	<u>---</u>	<u>---</u>
<u>4-1/2</u>	<u>5634</u>	<u>750</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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 5635 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which 14 % was oil; 60 % emulsion; _____ % water; and 17 % sediment. 103 Gravity, °Bé. 100

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
Ac 347, Driller _____, Driller
H. L. Beutler _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>452</u>	<u>452</u>	<u>Redbed & anhydrite</u>
<u>452</u>	<u>1408</u>	<u>956</u>	<u>Anhydrite & Gyp</u>
<u>1408</u>	<u>1469</u>	<u>61</u>	<u>Sandy lime</u>
<u>1469</u>	<u>1522</u>	<u>53</u>	<u>Anhydrite & lime</u>
<u>1522</u>	<u>5635 TB</u>	<u>4113</u>	<u>Lime</u>

Distribution: 1 & 4, Hobbs, Artesia
1 - Hobbs, Hobbs
1 - Houston
1 - Midland
1 - District File
2 - Hobbs Oil, Artesia
1 - State Engineer Office, Hobbs
(James L. Wright)

1000 900 800 700 600 500 400 300 200 100 0

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.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued

RECEIVED
MAY 4 1960