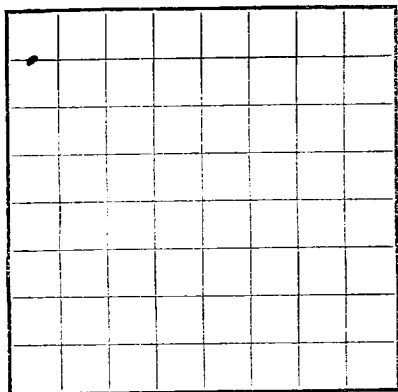


1960 JAN 12 AM 10:49
UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Co. Address Box 97, Hobbs, New Mexico
Lessor or Tract Closson "B" Field Jalmat (Oil) State New Mexico
Well No. 14 Sec. 19 T. 22 R. 36 Meridian NMPM County Lea
Location 660 ft. S. of N Line and 330 ft. E. of W Line of 19-22-36 Elevation 3588'
(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 January 5, 1960 Title District Supt.

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

Commenced drilling Dec. 17, 19 59 Finished drilling Dec. 28, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3784 to 3806 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>26</u>	<u>8</u>	<u>J-55</u>	<u>1611.11'</u>	<u>Baker</u>	<u>Surface</u>			<u>Surface</u>
<u>5 1/2"</u>	<u>11</u>	<u>8</u>	<u>J-55</u>	<u>3804.55'</u>	<u>Baker</u>	<u>3784</u>	<u>3806</u>		<u>Oil</u>
<u>THIS WELL WAS NOT SHOT.</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>1622'</u>	<u>900</u>	<u>Plug</u>	<u>-</u>	<u>-</u>
<u>5 1/2"</u>	<u>3811'</u>	<u>600</u>	<u>Plug</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>This well was not shot.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 3813 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

January 5, 19 60 Put to producing January 2, 19 60

The production for the first 24 hours was 151 barrels of fluid of which 99.8% was oil; 0.2% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 37.5 60°

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

Rock pressure, lbs. per sq. in. -

EMPLOYEES

H. F. Mason, Driller B. G. Speed, Driller
J. D. Snellings, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>218'</u>	<u>218'</u>	<u>Surface rock, red bed</u>
<u>218'</u>	<u>930'</u>	<u>712'</u>	<u>Red bed, shale</u>
<u>930'</u>	<u>1660'</u>	<u>730'</u>	<u>Anhydrite, shale</u>
<u>1660'</u>	<u>3331'</u>	<u>1671'</u>	<u>Anhydrite, salt</u>
<u>3331'</u>	<u>3620'</u>	<u>289'</u>	<u>Anhydrite, gyp</u>
<u>3620'</u>	<u>3728'</u>	<u>148'</u>	<u>Lime, gyp</u>
<u>3728'</u>	<u>3813'</u>	<u>45'</u>	<u>Lime, dolomite</u>
			<u>TD 3813</u>
			<u>PBTD 3811</u>
			<u>Tops:</u>
			<u>Anhydrite 1600' Yates 3563'. This well</u>
			<u>was acidized w/500 gallon XLST followed</u>
			<u>w/10,000 gallon lease crude w/1/50 gallon</u>
			<u>fluid loss material per gallon- 10,000#</u>
			<u>sand</u>

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TOP OF OFFICE

Y-1039260-001 NEW BRAND

[illegible]

DATE 16 REUSE NO 00

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 reason 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 drilling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 10-43094-2

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FORMATION RECORD—Continued