

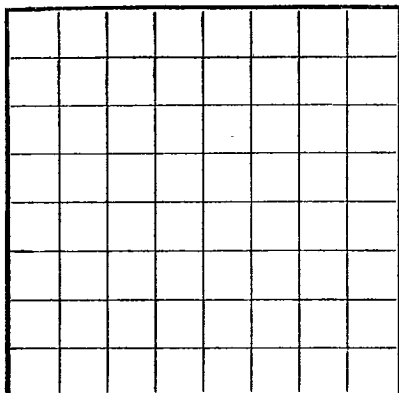
Las Cruces

U. S. LAND OFFICE

060398

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Western Ventures, Inc. Address P. O. Box 445, Artesia, N.M.
Lessor or Tract Spencer-Federal Field Henshaw Gray. State N. M.
Well No. 3 Sec. 4 T. 16 R. 30 Meridian NMPM County Eddy
Location 660 ft. N. of 3 Line and 660 ft. E. of W Line of Section 4 Elevation 3824'
(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

H. G. Z. Janney
Title Dist. Supt.Date May 20, 1957

Title

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

Commenced drilling March 30, 1957 Finished drilling May 4, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2774 to 2784 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 No surface water No. 3, from _____ to _____
No. 2, from 2056 to 2075 red sand No. 4, from _____ to _____
water, 1500' in 2 hrs.

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</u>	<u>8</u>	<u>C&L</u>	<u>449'</u>	<u>Texas</u>	<u>not</u>	<u>--</u>	<u>--</u>	<u>Surface</u>
<u>7</u>	<u>17</u>	<u>8</u>	<u>RT</u>	<u>2110'</u>	<u>2090'</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>Water</u>
<u>5 1/2</u>	<u>14</u>	<u>8</u>	<u>C&L</u>	<u>2770'</u>	<u>Galv</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>2294'</u>
HOLE LOG OF OIL OR GAS WELL									

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>449'</u>	<u>75</u>	<u>pump</u>	<u>--</u>	<u>none</u>
<u>5 1/2</u>	<u>2770</u>	<u>125</u>	<u>"</u>	<u>--</u>	<u>"</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

FRAC SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>26, 208 gals.</u>	<u>w/40,000</u>	<u>3 sand in open hole</u>	<u>2770' to 2801'</u>	<u>250 gals.</u>		
<u>40A ahead of frac</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2801 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 16, 1957

The production for the first 24 hours was 70 barrels of fluid of which 100% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 37.5°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. H. Edwards, Driller E. J. Purish, Driller
H. O. Newman, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>449</u>	<u>449</u>	<u>red shale</u>
<u>449</u>	<u>1129</u>	<u>680</u>	<u>salt</u>
<u>1129</u>	<u>1176</u>	<u>47</u>	<u>anhy. shale, & salt</u>
<u>1176</u>	<u>1355</u>	<u>179</u>	<u>anhy. & shale</u>
<u>1355</u>	<u>1840</u>	<u>485</u>	<u>anhy.</u>
<u>1840</u>	<u>1885</u>	<u>45</u>	<u>anhy. & shale</u>
<u>1885</u>	<u>1929</u>	<u>44</u>	<u>anhy.</u>
<u>1929</u>	<u>1959</u>	<u>30</u>	<u>anhy. & shale</u>
<u>1959</u>	<u>2056</u>	<u>97</u>	<u>anhy.</u>
<u>2056</u>	<u>2077</u>	<u>21</u>	<u>red sand</u>
<u>2077</u>	<u>2087</u>	<u>10</u>	<u>anhy.</u>
<u>2087</u>	<u>2098</u>	<u>11</u>	<u>red sand</u>
<u>2098</u>	<u>2275</u>	<u>177</u>	<u>anhy.</u>
<u>2275</u>	<u>2295</u>	<u>20</u>	<u>gray lime</u>
<u>2295</u>	<u>2310</u>	<u>15</u>	<u>lime & sand</u>
<u>2310</u>	<u>2315</u>	<u>5</u>	<u>anhy.</u>
<u>2315</u>	<u>2349</u>	<u>34</u>	<u>salt & anhy.</u>
<u>2349</u>	<u>2364</u>	<u>15</u>	<u>anhy.</u>
<u>2364</u>	<u>2370</u>	<u>6</u>	<u>sand</u>
<u>2370</u>	<u>2565</u>	<u>195</u>	<u>anhy.</u>
<u>2565</u>	<u>2605</u>	<u>40</u>	<u>lime</u>
<u>2605</u>	<u>2610</u>	<u>5</u>	<u>anhy.</u>
<u>2610</u>	<u>2655</u>	<u>45</u>	<u>lime</u>
<u>2655</u>	<u>2729</u>	<u>74</u>	<u>anhy.</u>
<u>2729</u>	<u>2734</u>	<u>5</u>	<u>lime</u>

(OVER)

16-43094-4

