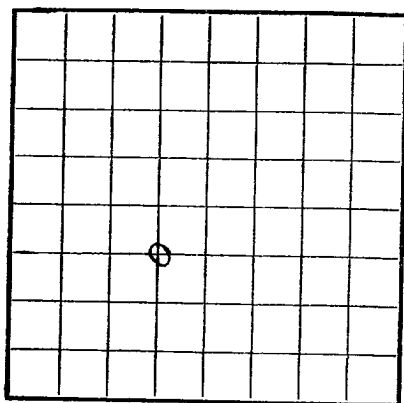


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **060398**
LEASE OR PERMIT TO PROSPECT

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 W. Henshaw - State New Mexico
Well No. 2 Sec. 4 T. 16 S. R. 30 E. Meridian NMPM County Grayburg
Location 1930 ft. [N.] of S. Line and 1980 ft. [E.] of W. Line of Sec. 4 Elevation 3848 DF
(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 P. A. JohnsonDate May 27, 1957Title Dist. Supt.

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

Commenced drilling February 16, 1957 Finished drilling March 22, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2763 to 2817 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 2090 to 2106 No. 3, from _____ to _____
No. 2, from Red sand water rose 1500' in hole 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>10 3/4</u>	<u>32.75</u>	<u>8 rd.</u>	<u>Y.T.</u>	<u>428'</u>	<u>Texas</u>	<u>not</u>			<u>Surface</u>
<u>8 5/8</u>	<u>24</u>	<u>8 rd.</u>	<u>Y.T.</u>	<u>2778'</u>	<u>not</u>	<u>2135'</u>			<u>Red sand water</u>
<u>5 1/2</u>	<u>15.5</u>	<u>8 rd.</u>	<u>"</u>	<u>2778'</u>	<u>"</u>				<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>428</u>	<u>75</u>	<u>pump</u>	<u>—</u>	<u>none</u>
<u>5 1/2</u>	<u>2778</u>	<u>200</u>	<u>"</u>	<u>water</u>	<u>"</u>

PLUGS AND ADAPTERS

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

Sand-oil fracture RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>250 gal.</u>	<u>mud acid</u>	<u>sand-oil fracture</u>	<u>w/19,362 gals.</u>	<u>24° gvt.</u>	<u>Wickett</u>	
<u>Refinery oil & 6,594 gals.</u>	<u>lease crude</u>	<u>w/50,000 # sand</u>	<u>in the open</u>			
<u>hole 2778-2817</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2817 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing March 25, 1957

The production for the first 24 hours was 192 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 4/10 sediment. Gravity, °Bé. 37.80

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. Parish, Driller
H. O. Newman, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>5</u>	<u>15</u>	<u>10</u>	<u>caliche</u>
<u>15</u>	<u>365</u>	<u>350</u>	<u>red shale</u>
<u>365</u>	<u>390</u>	<u>25</u>	<u>anhy.</u>
<u>390</u>	<u>875</u>	<u>485</u>	<u>salt</u>
<u>875</u>	<u>880</u>	<u>5</u>	<u>anhy.</u>
<u>880</u>	<u>965</u>	<u>85</u>	<u>salt</u>
<u>965</u>	<u>1075</u>	<u>110</u>	<u>salt & anhy.</u>
<u>1075</u>	<u>1125</u>	<u>50</u>	<u>salt</u>
<u>1125</u>	<u>1330</u>	<u>205</u>	<u>anhy.</u>
<u>1330</u>	<u>1415</u>	<u>85</u>	<u>anhy. & shale</u>
<u>1415</u>	<u>1885</u>	<u>470</u>	<u>anhy.</u>
<u>1885</u>	<u>1963</u>	<u>78</u>	<u>anhy. & salt</u>
<u>1963</u>	<u>2086</u>	<u>123</u>	<u>anhy.</u>
<u>2086</u>	<u>2106</u>	<u>20</u>	<u>red sand</u>
<u>2106</u>	<u>2178</u>	<u>72</u>	<u>anhy.</u>
<u>2178</u>	<u>2188</u>	<u>10</u>	<u>anhy. & gyp.</u>
<u>2188</u>	<u>2299</u>	<u>111</u>	<u>anhy.</u>
<u>2299</u>	<u>2341</u>	<u>42</u>	<u>lime</u>
<u>2341</u>	<u>2347</u>	<u>6</u>	<u>salt</u>
<u>2347</u>	<u>2380</u>	<u>33</u>	<u>anhy. & sand</u>
<u>2380</u>	<u>2390</u>	<u>10</u>	<u>sand</u>
<u>2390</u>	<u>2570</u>	<u>180</u>	<u>anhy.</u>
<u>2570</u>	<u>2592</u>	<u>22</u>	<u>lime</u>
<u>2592</u>	<u>2656</u>	<u>64</u>	<u>lime & anhy.</u>
<u>2656</u>	<u>2721</u>	<u>65</u>	<u>anhy.</u>

(OVER)

