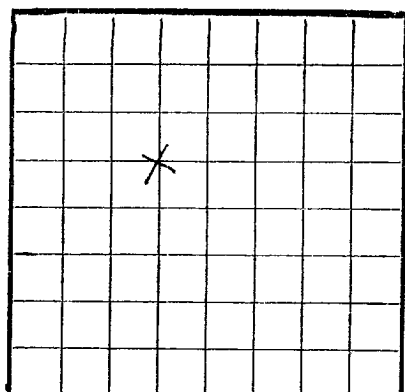


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **028772 (b)**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Western - Yates Address P. O. Box 445, Artesia, N. M.
Lessor or Tract Dunn "B" Tr. 3 Field Artesia State New Mexico
Well No. 22 Sec. 11 T. 18S R. 28E Meridian NMPM County EDDY
Location 1980 ft. N of N Line and 1980 E of N Line of Sec. 11 Elevation 3644 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 [Signature]Date October 28, 1957Title Dist. Supt.

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

Commenced drilling August 22, 19 57 Finished drilling October 1, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2368 to 2376 No. 4, from 2569 to 2578
No. 2, from 2408 to 2420 No. 5, from 2729 to 2739
No. 3, from 2528 to 2533 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 290 to 300 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>24.7</u>	<u>8</u>	<u>Pitts</u>	<u>560'</u>	<u>Reg.</u>	<u>Not</u>	<u>--</u>	<u>--</u>	<u>Surface</u>
<u>4 1/2</u>	<u>9.58</u>	<u>"</u>	<u>CPAI</u>	<u>2758'</u>	<u>Float</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>Prod.</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>560'</u>	<u>175</u>	<u>Pump</u>	<u>--</u>	<u>None</u>
<u>4 1/2</u>	<u>2758'</u>	<u>225</u>	<u>"</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
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1/661/10/1/2725-78 1/661/10/1/2725-78 1/661/10/1/2725-78 1/661/10/1/2725-78
1/661/10/1/2725-78 1/661/10/1/2725-78 1/661/10/1/2725-78 1/661/10/1/2725-78

Refer to report dated October 18, 1957, submitted on USGS form 9-331a.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2758 feet, and from _____ feet to _____ feet

DATES

_____ 19 _____ Put to producing _____ 19 _____
October 26, 57 The production for the first 24 hours was 50 barrels of fluid of which 98 % was oil; 57 %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

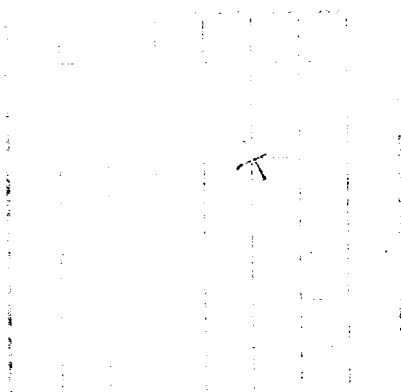
D. A. Robertson, Driller James Monroe, Driller
A. I. Trembley, Jr., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>320</u>	<u>320</u>	<u>Red Bed</u>
<u>320</u>	<u>360</u>	<u>40</u>	<u>Red Sand</u>
<u>360</u>	<u>525</u>	<u>165</u>	<u>Red Bed</u>
<u>525</u>	<u>560</u>	<u>35</u>	<u>Red Bed and Salt</u>
<u>560</u>	<u>608</u>	<u>108</u>	<u>Salt</u>
<u>608</u>	<u>880</u>	<u>212</u>	<u>Anhy.</u>
<u>880</u>	<u>1190</u>	<u>310</u>	<u>Anhy. and Red Shale</u>
<u>1190</u>	<u>1260</u>	<u>70</u>	<u>Anhy. and lime</u>
<u>1260</u>	<u>1300</u>	<u>40</u>	<u>Anhy.</u>
<u>1300</u>	<u>1330</u>	<u>30</u>	<u>Anhy. and lime</u>
<u>1330</u>	<u>1498</u>	<u>168</u>	<u>Anhy.</u>
<u>1498</u>	<u>1515</u>	<u>17</u>	<u>Lime</u>
<u>1515</u>	<u>1817</u>	<u>302</u>	<u>Anhy.</u>
<u>1817</u>	<u>1855</u>	<u>38</u>	<u>Red Sand</u>
<u>1855</u>	<u>1860</u>	<u>5</u>	<u>Anhy.</u>
<u>1860</u>	<u>1885</u>	<u>25</u>	<u>Anhy. and lime</u>
<u>1885</u>	<u>1975</u>	<u>90</u>	<u>Anhy.</u>
<u>1975</u>	<u>2005</u>	<u>30</u>	<u>Red Sand</u>
<u>2005</u>	<u>2055</u>	<u>50</u>	<u>Anhy. and Red Sand</u>
<u>2055</u>	<u>2072</u>	<u>17</u>	<u>Lime and Red Sand</u>
<u>2072</u>	<u>2150</u>	<u>78</u>	<u>Anhy. and Red Sand</u>
<u>2150</u>	<u>2300</u>	<u>150</u>	<u>Lime and Red Sand</u>
<u>2300</u>	<u>2394</u>	<u>94</u>	<u>Lime</u>
<u>2394</u>	<u>2425</u>	<u>31</u>	<u>Lime and Grey Sand</u>
	<u>2480</u>	<u>55</u>	<u>Lime</u>
	<u>2587</u>	<u>107</u>	<u>(OVER) Lime and Red and Grey Sand</u>

UNIT OF OIL OR GAS WELL

GEORGE W. MOORE
OIL & GAS ENGINEER
WASHINGTON, D. C.



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.

HISTORY OF OIL OR GAS WELL

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
2587	2725	138	Lime and Grey Sand
2725	2758	33	