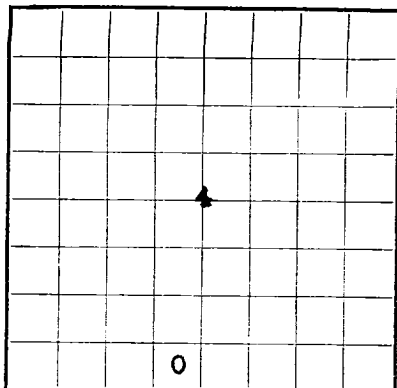


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 055546
LEASE OR PERMIT TO PROSPECT Wells
NM-325

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company R. Olsen Jal Oil Co., Inc. Address Drawer 7, Jal, New Mexico
Lessor or Tract Wells Field Langlio Mattix State New Mexico
Well No. 11 Sec. 4 T. 25 S. 37 E Meridian NMPM County Lea
Location 430 ft. N of S Line and 2316.6 ft. E of W Line of Section 4 Elevation 3182.1
(Derrick floor relative to base of well) 3141.6 GLThe 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 InvestigationDate 7-9-58Title Production Superintendent

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

Commenced drilling 10-29-1957 Finished drilling 11-15-1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2990 to 3140 G 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#</u>	<u>8 rd</u>		<u>312.42</u>	<u>HOWCO</u>				<u>Surface</u>
<u>5 1/2"</u>	<u>15.5#</u>	<u>8 rd</u>		<u>3358</u>	<u>HOWCO</u>		<u>3030</u>	<u>3050</u>	<u>Oil string</u>
							<u>3065</u>	<u>3140</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>322</u>	<u>250 sxs</u>	<u>HOWCO</u>		
<u>5 1/2"</u>	<u>3349.5</u>	<u>200 sxs at shoe</u>	<u>HOWCO</u>		
		<u>100 sxs at 2 stage tool at 1129'</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>Sand fraced open hole</u>	<u>3350-3475</u>	<u>10,000 gals. lease oil</u>	<u>10,000%</u>	<u>sand</u>	<u>-No results</u>	
<u>Sand fraced perforation</u>	<u>3030-50</u>	<u>4000 gal. lease oil</u>	<u>4000%</u>	<u>sand</u>	<u>-No results</u>	
<u>Sand fraced perforation</u>	<u>3065-3140</u>	<u>10,000 gal. lease oil</u>	<u>10,000%</u>	<u>sand</u>	<u>-Gas</u>	

TOOLS USED

Rotary tools were used from 0 feet to 3475 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-9-, 19 58 Put to producing Shut in, 19 _____

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

If gas well, cu. ft. per 24 hours 10,000 MCF AOF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

O.L. Orbison, Driller B.R. Midwell, Driller
J.L. Antee, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>2680</u>	<u>2838</u>	<u>158</u>	<u>Br. dolomite & anhydrite</u>
<u>2838</u>	<u>3140</u>	<u>302</u>	<u>Sand/ dolomite stringers</u>
<u>3140</u>	<u>3475</u>	<u>335</u>	<u>Dolomite with sand stringers</u>
			<u>GR</u>
			<u>Geological tops</u> <u>T Yates 2838</u>
			<u>T 7 Rivers 3140</u>

FROM-	TO-	TOTAL FEET	FORMATION
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—OL

TOTAL FEET

FORMATION

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

2944-3047

open 1 hr. 15 min. SAT.

15 min. SIP 283

0047 27. 1700

0047 200 • PLY

DST # 2 3000 - 3077

open 1 hour 15 min. 51P

807 FEB

15 min. 391

9291 4th • 1st
0491 1st • 1st

Loss to surface 37 min. 1000
 Peak blow thru out test

Week blow thru out test

Dec. 100, drilling mud

2501 1no nlyt wote poon

• 8 copies of 8 min.