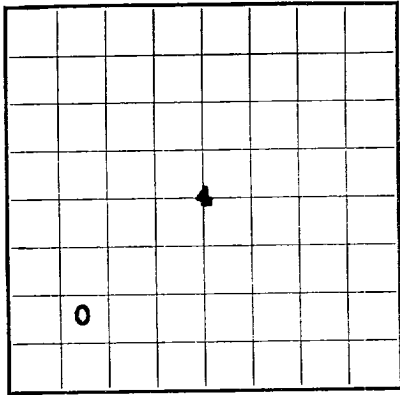




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 054668
LEASE OR PERMIT TO PROSPECT Farnsworth
NM - 307

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company R. Olsen Jal Oil Co., Inc. Address Drawer Z, Jal, New Mexico
Lessor or Tract Farnsworth Field Langlie Mattix State New Mexico
Well No. 6 Sec. 4 T. 26 SR. 37 E Meridian NMM County Lee
Location 990 ft. N. of S Line and 990 ft. E of W Line of Section 4 Elevation 2974.5 GL
(Derrick floor relative to sea level) 2986

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 Henry Mattix

Date 7-9-58 Title Production Superintendent

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

Commenced drilling 5-19-58, 19... Finished drilling 6-4-58, 19...

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2708 to 3000 G No. 4, from 3240 to 3244
No. 2, from 3020 to 3030 G No. 5, from 3282 to 3285
No. 3, from 3054 to 3080 G No. 6, from 3312 to 3324

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>9 5/8"</u>	<u>36#</u>	<u>8 rd</u>		<u>295'</u>	<u>Texas Pattern</u>				<u>Surface</u>
<u>7"</u>	<u>25#</u>	<u>8 rd</u>		<u>3365.5</u>	<u>HOWCO</u>		<u>3314.5</u>	<u>3323.5</u>	<u>Oil string</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8"</u>	<u>308.5</u>	<u>300 sxs reg.</u>	<u>HOWCO</u>		
<u>7"</u>	<u>3365'</u>	<u>200 sxs at shoe</u> <u>100 sxs at 2 stage</u>	<u>HOWCO 2 staged</u> <u>tool at 1047'</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</u>	<u>5,000 gal. lease oil & 5000# sand</u>				
	<u>BD 3100#</u>					
	<u>Treat</u>	<u>1900# max. 1600# minimum</u>	<u>Injection rate 28.6 bbls./min.</u>			

TOOLS USED

Rotary tools were used from 0 feet to 3365' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-9-58, 19... Put to producing Testing, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

O.L. Orbison, Driller J.L. ntee, Driller
K.E. Tidwell, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>980</u>	<u>980</u>	<u>Caliche & red beds</u>
<u>980</u>	<u>1110</u>	<u>130</u>	<u>Anhydrite</u>
<u>1110</u>	<u>1205</u>	<u>95</u>	<u>Anhydrite & red beds</u>
<u>1205</u>	<u>2580</u>	<u>1375</u>	<u>Salt-Anhydrite-Potash-Red bed stringers</u>
<u>2580</u>	<u>2708</u>	<u>128</u>	<u>Anhydrite - Dolomite</u>
<u>2708</u>	<u>3000</u>	<u>292</u>	<u>Sand with dolomite stringers</u>
<u>3000</u>	<u>3310</u>	<u>310</u>	<u>Dolomite with sand stringers</u>
<u>3310</u>	<u>3365 TD</u>	<u>55</u>	<u>Sand with dolomite stringers</u>
			<u>Geological Tops - GR</u>
			<u>Anhydrite 980</u>
			<u>T Salt 1205</u>
			<u>T Br. Ls 2580</u>
			<u>T Yates 2708</u>
			<u>T 7 Rivers 3000</u>
			<u>T Queen 3310</u>

FORMATION RECORD—Continued

[illegible]

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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.