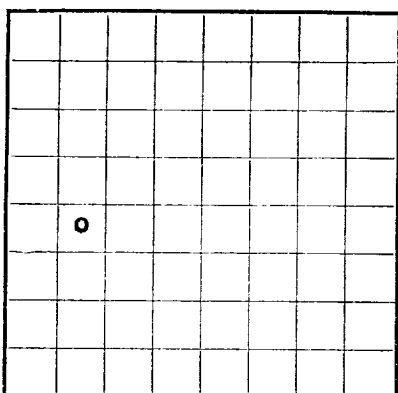




LOCATE WELL CORRECTLY

LANDS OFFICE 000

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company A. Olsen (Fuel Oil Co., Inc.) Address Drawer 2, Jal, New Mexico
Lessor or Tract Fernsworth Field Langlie Lattix Ext State New Mexico
Well No. 5 Sec. 4 T. 26 S R. 37 E Meridian N.M. County Lea
Location 2310 ft. N of 2 Line and 990 ft. E of 2 Line of Sec. 4 Elevation 2997.2
(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 Henry H. H. H. Title Production Superintendent
Date 5-1-58

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

Commenced drilling 3-18-58, 1958 Finished drilling 3-31-, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2650 to 2950 No. 4, from _____ to _____
No. 2, from 3230 to 3250 No. 5, from _____ to _____
No. 3, from 3262 to 3288 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>9 5/8</u>	<u>36</u>	<u>8 rd</u>	<u>Longstar</u>	<u>290'</u>	<u>HOCO</u>				<u>Surface</u>
<u>7 1/2</u>	<u>28</u>	<u>8 rd</u>	<u>Longstar</u>	<u>3296'</u>	<u>HOCO</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>311'</u>	<u>3.0 sis</u>	<u>HOCO</u>		
<u>7"</u>	<u>3309'</u>	<u>500 sis & 75 sis at surface 928' to 200'</u>	<u>HOCO</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

TOOLS USED

Rotary tools were used from 0- feet to 3312 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-1, 1958 Put to producing 4-10-, 58

The production for the first 24 hours was 100 barrels of fluid of which 50 % was oil; _____ % emulsion; 50 % water; and _____ % sediment. Gravity, °Bé. 33.2

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Hatterson, Driller _____, Driller
ntee, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0-</u>	<u>990'</u>	<u>990'</u>	<u>Caliche, red beds, sand</u>
<u>990'</u>	<u>1190'</u>	<u>200'</u>	<u>Anhydrite</u>
<u>1190'</u>	<u>2528'</u>	<u>1338'</u>	<u>Salt - anhydrite & sand stringers</u>
<u>2528'</u>	<u>2650'</u>	<u>122'</u>	<u>Brown dolomite & anhydrite</u>
<u>2650'</u>	<u>2950'</u>	<u>300'</u>	<u>Sand with dolomite stringers</u>
<u>2950'</u>	<u>3260'</u>	<u>310'</u>	<u>Dolomite with sand stringers</u>
<u>3260'</u>	<u>3312'</u>	<u>52'</u>	<u>Sand with dolomite stringers</u>

and freed well with 10,000 gallons lower acid and 10,000 20-40 sand. Used 30 rubber ball sealers. Treating pressure 1st stage 1400 5,000 gallons 2nd stage 1600 5,000 gallons & flush
Injection rate overall 24.6 bbls. min.

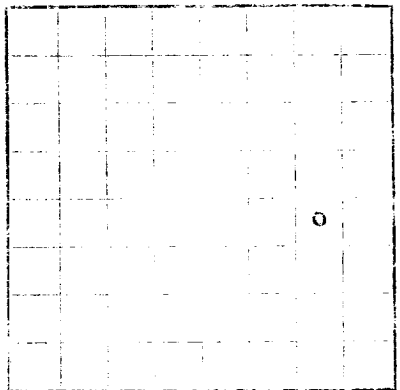
<u>Franky</u>	<u>990'</u>
<u>T. Scott</u>	<u>1190'</u>
<u>B. Scott</u>	<u>2528'</u>
<u>T. Yallen</u>	<u>2650'</u>
<u>T. Powers</u>	<u>2950'</u>
<u>T. Green</u>	<u>3260'</u>

[OVER]

16-43094-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company _____
Location _____
The information given hereafter 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 _____
Date _____

The summary on this page is for the condition of the well at above date
Commenced drilling _____

OIL OR GAS SANDS OR ZONES
(See page 6)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Casing size, inches	Weight, lbs. per foot	Threads per inch	Make	Amended	Kind of line	Oil and casing from	Perforated	Purpose
							From	To

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

FROM—		TO—		TOTAL FEET		FORMATION	
Shooting record		Plugs and adapters		Mudding and cementing record		Tools used	
Size		Heaving plug—Material		Mud		Rotary tools used from _____ feet to _____ feet	
Depth used		Six		Mud		Cable tools used from _____ feet to _____ feet	
Depth cleaned out		Depth set		Mud		But no production	