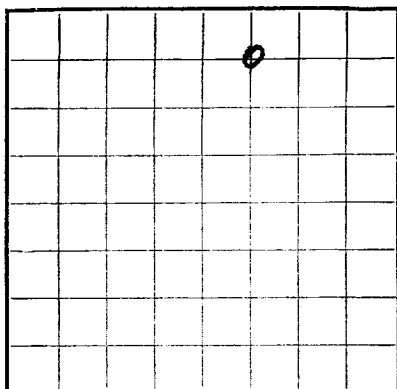




LOCATE WELL CORRECTLY

SANTA FE

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 054668LEASE OR PERMIT TO PROSPECT
FarnsworthUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company R. Olsen Address Drawer Z, Jal, New Mexico
Lessor or Tract Farnsworth Field Langlie Mattix State New Mexico
Well No. 1 Sec. 4 T. 28S R. 37E Meridian NMPM County Lea
Location 660 ft. N. of N. Line and 1980 ft. E. of E. Line of Section 4 Elevation 2991'
(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

Date November 10, 1954Title Superintendent

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

Commenced drilling October 19, 1954 Finished drilling November 6, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2540 to 2860 No. 4, from _____ to _____
No. 2, from 3145 to 3210 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>23#</u>	<u>8rd.</u>	<u>J&L</u>	<u>288</u>	<u>HoweCo</u>				<u>Surface</u>
<u>5-1/2</u>	<u>15-5/8#</u>	<u>8rd.</u>	<u>J&L</u>	<u>3019</u>	<u>HoweCo</u>				<u>Oil Spring</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>295'</u>	<u>225</u>	<u>HoweCo</u>		
<u>5-1/2</u>	<u>3098'</u>	<u>300</u>	<u>HoweCo</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>10,000</u>	<u>Gallons Sandfrac in open hole.</u>					

TOOLS USED

Rotary tools were used from 0 feet to 3210 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 6, 1954 Put to producing November 6, 1954
The production for the first 6 24 hours was 120 barrels of fluid of which 90% was oil; _____%
emulsion; 10% BS&W water; and _____% sediment. Gravity, °Bé. 36
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. J. Patterson, Driller Buck Woods, Driller
B. H. Gaston, Driller _____, Driller

FORMATION RECORD

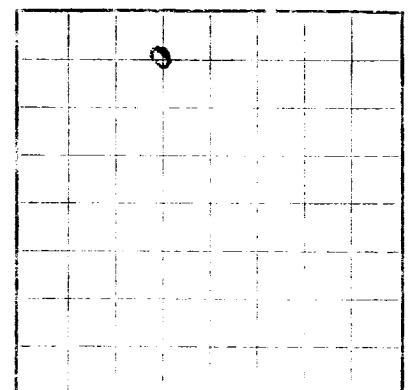
FROM—	TO—	TOTAL FEET	FORMATION
<u>70</u>	<u>455</u>		<u>Sand and sand rock</u>
<u>455</u>	<u>945</u>		<u>Red beds</u>
<u>945</u>	<u>1155</u>		<u>Anhydrite</u>
<u>1155</u>	<u>2390</u>		<u>Salt</u>
<u>2390</u>	<u>2440</u>		<u>Anhydrite</u>
<u>2440'</u>	<u>2540</u>		<u>Brown lime</u>
<u>2540</u>	<u>2855</u>		<u>Sand</u>
<u>2855</u>	<u>3145</u>		<u>Dolomite</u>
<u>3145</u>	<u>3210</u>		<u>Sand-broken</u>

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

Field Number
Location
Date



LOCATE WELL CORRECTLY

Company
Address
State
County
Location
Well No.
Date
The information given here is for the condition of the well at above date
Signed
Title Superintendent

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

OIL OR GAS SANDS OR ZONES

No. 1, from	to	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	Thread per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
2 1/2	22	5	Howco	300				Running

HISTORY OF OIL OR GAS WELL

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, position, and number of shots. If plugs or bridges were put in to test for water, state material used, position, and results of pumping or pulling plug.

MUDLOGGING AND CEMENTING RECORD

Size of cement	Weight per sack	Kind of cement	Mud grade	Amount of mud used
300	300	Howco		

PLUGS AND ADAPTERS

Size	Weight per foot	Thread per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
2 1/2	22	5	Howco	300				Running

SHOOTING RECORD

Size	Weight per foot	Thread per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
2 1/2	22	5	Howco	300				Running

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATES

Put to producing	November 1, 1924
The production for the first 24 hours was	120 barrels of fluid of which 90% was oil; 30% gravity, 30
If gas well, give ft. per 24 hours	
Rock pressure, lbs. per sq. in.	

EMPLOYEES

L. Patterson	Driller
H. Gaston	Driller
W. C. Woods	Driller

FORMATION RECORD

FORMATION	TO	TOTAL FEET
Sand and sand rock	455	
Red beds	455	
Anhydrite	1155	
Salt	2500	
Anhydrite	2540	
Brown lime	2570	
Sand	2585	
Dolomite	2715	
Sand-proven	2710	