

U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER **0 54668**

HOBBBS OFFICE **PERMIT TO PROSPECT**
Farnsworth

HOBBBS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
HOBBBS, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **R. Olsen Oil Co.** Address **Box 691 Jal, New Mexico**
Lessor or Tract **Farnsworth 4** Field **Langlie Mattix** State **New Mexico**
Well No. **1** Sec. **4** T. **26S** R. **37E** Meridian **NMPM** County **Lea**
Location **1980 (S.)** of **N** Line and **2310 (E.)** of **W** Line of **Sec 4-26-37** Elevation **3002.4**
(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 **9-17-59** Title **Engineer**

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

Commenced drilling **8-9**, 19 **59** Finished drilling **8-20**, 19 **59**

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

No. 1, from **2570** to **2870 G** No. 4, from _____ to _____
No. 2, from **3168** to **3196 0** No. 5, from _____ to _____
No. 3, from **3200** to **3220 0** 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—	
9 5/8	36#	8rd.	Used	295	Howco				Surface
7"	23 - 26	8rd.	Used	3237	Howco		3168	3196	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	307'	200	Howco		
7"	3247'	550 sx. 50-50 Pozmix 50 sx. Latex	Howco		

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 **3248 TD** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-17-, 19 **59** Put to producing **9-7-**, 19 **59**

The production for the first 24 hours was **94.4** barrels of fluid of which **96** % was oil; _____ % emulsion; **4** % water; and _____ % sediment. Gravity, °Bé. **36.2**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Tidwell, Driller **Hiser**, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	953	953	Red beds - Caliche
953	1190	237	Anhydrite - Red beds
1190	2435	1245	Salt - Anhy stringers - Potash
2435	2570	135	Br. Dolomite and Anhy.
2570	2800	230	Sand with Dolo. Stringers
2800	3202	402	Dolo. with Sand Stringers
3202	3248 TD	46	Sand and Dolomite
GEOLOGICAL TOPS			
Anhydrite	953		
T. Salt	1190		
B. Salt	2435		
T. Yates	2570		
T. 7 Rivers	2800		
T. Queen	3202		

FOLD | MARK

Sand Frac 3168 - 3196
20,000 gal. lease oil + 20,000# 20/40 Sand.
2,000 gal. lease oil + 2,000# 10/20 Sand.

2 Stages - used 50 Ball Sealers.

FORMATION RECORD—continued