

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **063665**
LEASE OR PERMIT TO PROSPECT **(Gregory)**
Farnsworth No. 2 WellUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

50

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **R. OLSEN OIL COMPANY** Address **Jal., New Mexico**
Lessor or Tract **(Gregory) Farnsworth No. 2** Field **Laves** State **New Mexico**
Well No. **2** Sec. **18** T. **26S** R. **37E** Meridian **N.M.P.M.** County **Lea**
Location **1900 ft. (N.) of No. Line and 2310 ft. (W.) of 1 Line of Section** Elevation **2958**
(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 **August 7, 1950** Title **Geologist**

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

Commenced drilling **June 10**, 19 **50** Finished drilling **June 30**, 19 **50**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2934** to **3121** 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—	
9-5/8"	36 1/2			297'					
7"	20 1/2			2800					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	297'	200			Circulated to surface
7"	2800'	500	2-staged tool at 1100'		Circulated to surface on upper stage

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
		Nitro	160 qts	June 27	2934' to 3105'	3121'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3121** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____ to connect.
June 30 The production for the first 24 hours was _____ barrels of fluid of **Waiting on oil** % was oil, _____ %
emulsion; _____ % water; and _____ % sediment. **4** Gravity, °Be. **100**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas **32**
Rock pressure, lbs. per sq. in. **2400 M Cu.ft.**

EMPLOYEES

_____, Driller _____, Driller
Mr. Ellis, Driller **Clyde Hackelman**, Driller**Arthur Stine**

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	165	165	Sand and Red beds
165	320	155	Red beds
320	1019	699	Red beds
1019	1200	181	Red rock and anhydrite
1200	1520	320	Red beds and salt
1520	1740	220	Red beds, salt and anhydrite
1740	2290	550	Salt and anhydrite
2290	2795	505	Salt and anhydrite
2795	3121	326	Lime

GEOLOGICAL TOPS

Top Anhydrite **1120**
Base Salt **2756**
Brown Lime **2805**
Yates **2934**RECEIVED
SEP 28 1950
JAL OFFICE

UNITED STATES
DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, D. C. 20315

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Location of well: $\left\{ \begin{array}{l} N. \\ S. \end{array} \right\}$ of $\left\{ \begin{array}{l} E. \\ W. \end{array} \right\}$ of _____ line of _____ Elevation _____

Well No. _____ Sec. _____ T. _____ R. _____ S. _____ Division _____ County _____

Location of tract: _____ Township _____ State _____

County _____

Address: _____

City _____

10-10-1974

NO ORIGIN OF THE NAME

[illegible][illegible]

1. (a) the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "backpacked" or left in the well, give the size and location. If the well has been dynamited, give date, size, position, and number of charges. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

TEHA GVD NO TIO JO XEOLISEE

Item	Quantity	Unit Price	Total
1. 1000	1000	1.00	1000.00
2. 500	500	2.00	1000.00
3. 250	250	4.00	1000.00
4. 125	125	8.00	1000.00
5. 62.5	62.5	16.00	1000.00
6. 31.25	31.25	32.00	1000.00
7. 15.625	15.625	64.00	1000.00
8. 7.8125	7.8125	128.00	1000.00
9. 3.90625	3.90625	256.00	1000.00
10. 1.953125	1.953125	512.00	1000.00
11. 0.9765625	0.9765625	1024.00	1000.00
12. 0.48828125	0.48828125	2048.00	1000.00
13. 0.244140625	0.244140625	4096.00	1000.00
14. 0.1220703125	0.1220703125	8192.00	1000.00
15. 0.06103515625	0.06103515625	16384.00	1000.00
16. 0.030517578125	0.030517578125	32768.00	1000.00
17. 0.0152587890625	0.0152587890625	65536.00	1000.00
18. 0.00762939453125	0.00762939453125	131072.00	1000.00
19. 0.003814697265625	0.003814697265625	262144.00	1000.00
20. 0.0019073486328125	0.0019073486328125	524288.00	1000.00
21. 0.00095367431640625	0.00095367431640625	1048576.00	1000.00
22. 0.000476837158203125	0.000476837158203125	2097152.00	1000.00
23. 0.0002384185791015625	0.0002384185791015625	4194304.00	1000.00
24. 0.00011920928955078125	0.00011920928955078125	8388608.00	1000.00
25. 0.000059604644775390625	0.000059604644775390625	16777216.00	1000.00
26. 0.0000298023223876953125	0.0000298023223876953125	33554432.00	1000.00
27. 0.00001490116119384765625	0.00001490116119384765625	67108864.00	1000.00
28. 0.000007450580596923828125	0.000007450580596923828125	134217728.00	1000.00
29. 0.0000037252902984619140625	0.0000037252902984619140625	268435456.00	1000.00
30. 0.00000186264514923095703125	0.00000186264514923095703125	536870912.00	1000.00
31. 0.000000931322574615478515625	0.000000931322574615478515625	1073741824.00	1000.00
32. 0.0000004656612873077392578125	0.0000004656612873077392578125	2147483648.00	1000.00
33. 0.00000023283064365386962890625	0.00000023283064365386962890625	4294967296.00	1000.00
34. 0.000000116415321826934814453125	0.000000116415321826934814453125	8589934592.00	1000.00
35. 0.0000000582076609134674072265625	0.0000000582076609134674072265625	17179869184.00	1000.00
36. 0.00000002910383045673370361328125	0.00000002910383045673370361328125	34359738368.00	1000.00
37. 0.000000014551915228366851806640625	0.000000014551915228366851806640625	68719476736.00	1000.00
38. 0.0000000072759576141834259033203125	0.0000000072759576141834259033203125	137438953472.00	1000.00
39. 0.00000000363797880709171295166015625	0.00000000363797880709171295166015625	274877906944.00	1000.00
40. 0.000000001818989403545856475830078125	0.000000001818989403545856475830078125	549755813888.00	1000.00
41. 0.0000000009094947017729282379150390625	0.0000000009094947017729282379150390625	1099511627776.00	1000.00
42. 0.00000000045474735088646411895751953125	0.00000000045474735088646411895751953125	2199023255552.00	1000.00
43. 0.000000000227373675443232059478759765625	0.000000000227373675443232059478759765625	4398046511104.00	1000.00
44. 0.0000000001136868377216160297393798828125	0.00000000011368683		