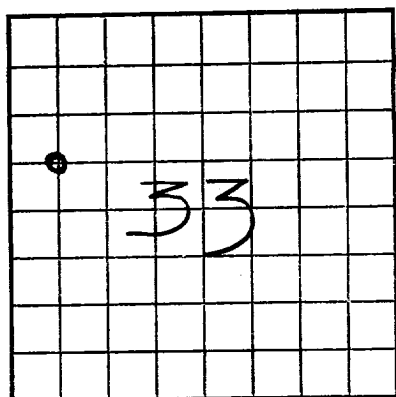


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **054667**
LEASE OR PERMIT TO PROSPECT **Lea.**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company R. Olsen Oil Company Address 2811 Apco Tower, Okla. City, Okla.
Lessor or Tract Gregory Field Langlie-Mattix State New Mexico
Well No. 4 Sec. 33 T. 25 R. 37 Meridian NMPM County Lea
Location 1980 ft. {S.} of {N.} Line and 660 ft. {E.} of {W.} Line of Section 33 Elevation 3010
(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 May 25, 1949Title Geologist

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

Commenced drilling 4-19-49, 19____ Finished drilling 5-17-49, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2518 to 2595 (Yates) No. 4, from _____ to _____
No. 2, from 3185 to 3204 T. D. 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	26#	8	Howco	227'	Howco	Surface			Surface
6 5/8	17#	8	Howco	3095'	Howco	3095'			3095'

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	287'	150	Howco		
6 5/8	3098'	500	Howco	10.5	

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
	5 1/2	Nitro	200 lbs.	5-16	3204-3104	3204 T. D.

TOOLS USED

Rotary tools were used from 0 feet to 3204 T.D. feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 21, 19 49
The production for the first 24 hours was 15 barrels of fluid of which 100 % 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. 800#

EMPLOYEES

Clyde Hackleman, Driller Floyd Hackleman, Driller
Lon Whiting, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1900	1900	No samples
1900	2390	490	Anhydrite, Salt and Red Shell
2390	2480	90	Dolomite(Tan) Anhydritic Slight Show Oil
2480	2518	38	Anhydrite, grey dense
2518	2595	77	Sand, fine blac, Frosted grains (Top Yates 2518)
2595	2695	100	Anhydrite
2695	3095	400	Dolomite Anhydritic, dense trace of silstone
3095	3195	100	Dolomite, sandy show of gas
3195	3204 T.D.	9	Dolomite and Sand, Fair show oil and gas

Note:

Core #1-3194 to 3204 recovered 10'
3194 to 96 Dolomite show oil
96 to 99 Sand fine show gas
99 to 02 Dolomite grey dense,
show oil
02 to 04 Sandy grey dolomite
S.O.N.G.

U.S. LAND OFFICE
SERIAL NUMBER
054667
LAS CRUCES
LEAVE ON TUESDAY TO HONOLULU

LOG OF OIL OR GAS WELL

Company R. Green Oil Company
Location of well Greasy
Well No. 4
Sec. 33 T. 25 R. 34
N. 1/2 of Sec. 33
E. 1/2 of Sec. 33
Location 1880 ft. of well line and 650 ft. of W. line of Section 33
Elevation 3010
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
Title Geologist
Date May 25, 1949

The summary on this page is for the condition of the well at above date.
Commenced drilling 4-12-49
Finished drilling 5-17-49

OIL OR GAS SANDS OR ZONES

No. 1 from 3518 to 3535 (Yates)	No. 4 from 3535 to 3540
No. 2 from 3540 to 3545	No. 5 from 3545 to 3550
No. 3 from 3550 to 3555	No. 6 from 3555 to 3560

IMPORTANT WATER SANDS

No. 1 from 3560 to 3565	No. 2 from 3565 to 3570
No. 3 from 3570 to 3575	No. 4 from 3575 to 3580

CASING RECORD
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 checked 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 the material used, position, and results of pumping and testing.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0	1900	1900	No samples
1900	2300	400	Anhydrite, salt and red shell
2300	2480	180	Dolomite(Tan) Anhydritic slight show oil
2480	2518	38	Anhydrite, grey dense
2518	2535	17	Sand, fine black, frosted grains (Top Yates)
2535	2535	0	Anhydrite
2535	3025	490	Dolomite Anhydritic, dense trace of silite
3025	3125	100	Dolomite, sandy show of gas
3125	3204 T.C.	79	Dolomite and sand, fair show oil and gas
Note: Core 31-3194 to 3204 recovered 10'. 3194 to 32 Dolomite show oil 32 to 33 Sand fine show gas 33 to 02 Dolomite grey dense, show oil 02 to 04 Sandy grey dolomite 2.0 N.C.			
FORMATION RECORD			
FLOCS AND ADAPTERS			
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