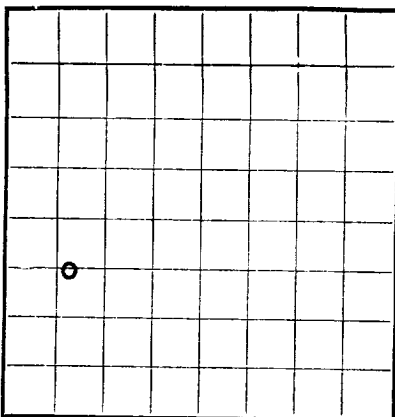




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **032579(f)**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**Harrison**

LOG OF OIL OR GAS WELL

Company **R. Olsen** Address **Drawer Z, Jal, N.M.**
Lessor or Tract **Harrison** Field **Langlie-Mattix** State **New Mexico**
Well No. **1** Sec. **27** T. **25S** R. **37E** Meridian **N.M.P.M.** County **Lea**
Location **1980** ft. **(N)** of **S** Line and **660** ft. **(E)** of **W** Line of **Sec. 27** Elevation **3018.70**
(Derriek 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

C.C. PowellDate **May 24, 1955**Title **Geologist**

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

Commenced drilling **March 24**, 19**55** Finished drilling **April 12**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3270** to **3370** 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 **None** 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#		J&L	325'	HOWCO				Surface Production
7"	23.20#		J&L	3250	HOWCO				
REMARKS: 100' OF 7" CASING SET									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	325	300	HOWCO		
7"	3250	300 (200 at shoe, 100 2-staged at 990')	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
Sandfrac	Dowell Chemical	10,000 gallons	10,000# sand		from 3250 to 3370	

TOOLS USED

Rotary tools were used from **0** feet to **3370** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
on pump

The production for the first 24 hours was **231** barrels of fluid of which **31** % was oil; _____ %
emulsion; **69** % 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. _____

EMPLOYEES

D. J. Paterson, Driller **Arthur Stine**, Driller
M. C. Hamm, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	845	845	Red Beds
845	995	150	Anhydrite
995	2568	1573	Salt
2568	2670	102	Tansill
2670	2920	250	Yates
2920	3270	350	7-Rivers
3270	3370	100	Queen

DRILLER'S LOG

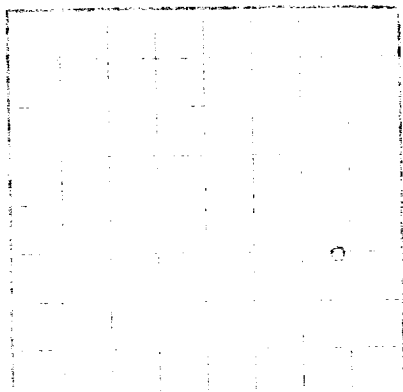
Taken from Daily Drilling Reports

0	80	80	Red Bed and Shells
80	323	243	Ran 9-5/8" casing
323	630	307	Red Bed
630	937	307	Red Bed and Shells
937	1183	246	Red Bed and Salt
1183	1635	452	Salt
1635	2240	605	Anhydrite and Salt
2240	2297	57	Anhydrite
2297	2421	124	Anhydrite Salt
2421	2512	91	Salt Anhydrite. Lime streaks
2512	2549	37	Anhydrite
2549	2552	3	Anhydrite and Salt

(cont'd)

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL POSITION

Company Name: Standard Oil Company
Location: W. 1/4 Sec. 10, T. 10 N., R. 10 E., S. 10 E.,
County: Wabasha, Minn.
State: Minn.
The information given in this log is a complete and correct record of the well and all work done thereon.
No other information should be included here.

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 kind of material used, position, and results of pumping or testing.

ON GAS BANDS OR ZONES

Gas bands or zones: None
No gas bands or zones were observed.

IMPORTANT WATER SANDS

Water sands: None
No water sands were observed.

CASING RECORD

Casing record: None
No casing was observed.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
52	2595	43	Gravelly sand
95	2750	155	Gravelly sand and lime
96	2837	87	Sandy lime
97	3370	536	Lime in 7" casing.
36			

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

10-11-1955

1