

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **15-1557 254667**LEASE OR PERMIT TO PROSPECT **Gregory****HOBBS**

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

AUG 1 - 1954

GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **R. Olsen** Address **Drawer Z, Jal., New Mexico**
Lessor or Tract **R. O. Gregory "A"** Field **Langlie Mattix** State **New Mexico**
Well No. **1** Sec. **33** T. **25S** R. **37E** Meridian **NM** County **Lea**
Location **33** ft. **2 1/2** of **3** Line and **2310** **5/8** of **1** Line of **Section 33** Elevation **2992**
(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 **Thornie French**Date **August 25, 1954**Title **Superintendent**

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

Commenced drilling **August 3**, 19 **54** Finished drilling **August 21**, 19 **54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2530'** to **2832'** No. 4, from _____ to _____
No. 2, from **2832'** to **3135'** No. 5, from _____ to _____
No. 3, from **3135'** to **3215'** 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—	
8-5/8"	225	8	HWC	275'	HWC		None		Surface
5-7/8"	200	8	HWC	3046'	HWC		None		Drilling
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	266'	225	HWC		
5-7/8"	3046'	200	HWC		
100 sacks at shoe and 100 sacks thru 2-stage tool.					

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
3andrac			10,000	8-24		3135-3215

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from **0'** feet to **3215'** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The **August 26** production for the first 24 hours was _____ barrels of fluid of which **August 26** % was oil; **54** %
emulsion; _____ % water; and _____ % sediment. **60** Gravity, °Bé. **100**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
M. C. Hamm, Driller **Art Stone**, Driller
D. J. Patterson

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2300	2400	60	Salt
2400	2425		Anhydrite
2425	2525	65	Brown lime
2525	2810	100	Yates sand
2810	3135	315	Dolomite
3135	3215	295	Sand
		80	

FORMATION RECORD—Continued[illegible]

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, size, 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 burning.