

U. S. LAND OFFICE

SERIAL NUMBER **NM 025733**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

O. H. Randel.

Box 88, Carlsbad, N. M.

Company **Federal Root** Address **Anderson** State **New Mexico.**
Lessor or Tract **1-2E T 17 29** Field **NMPM** County **Eddy**
Well No. **1650** S. **N** T. **660** Meridian **W** Line of **Sec. 1** Elevation **3666**
Location **ft. [N.] of [S.]** Line and **ft. [W.]** of **Line of** **Sec. 1** **Elevation 3666**
(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.

Date **January 21, 1958**Signed **[Signature]** Title **Operator.**

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

Commenced drilling **12-19-**, 19**57** Finished drilling **12-31**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2502** to **2508** No. 4, from _____ to _____
2636 **2654**
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **1950** to **1990** No. 3, from _____ to _____
No. 2, from **2000** to **2000** No. 4, from **2000** to **2000**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of pipe	Start and pulled from	From—	To—	Purpose
5/8	24			300	Baker				
1/2	14			2668	Baker				Surface
									Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	300	50	Circulated	37	
1/2	2668	75	Pumped	51	

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **2668** feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which **Jan 20** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. **92** Gravity, °Bé. **100**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas **34**
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
Loco Drilling Co., _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	265	265	Red Beds and Sand.
265	530	265	Anhydrite and red beds
530	1000	470	Sand and anhydrite.
1000	1130	130	Lime and Anhydrite.
1130	1300	170	Sand & Lime.
1300	1950	650	Lime and Anhydrite.
1950	1990	40	Sand
1990	2630	640	Lime and Sand.
2630	2660	30	Sand
2660	2668	8	Lime

(OVER)

FORMATION RECORD—Continued

