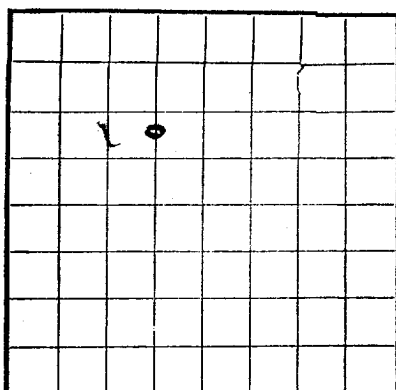


U. S. LAND OFFICE
SERIAL NUMBER **NM 025733**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **O. H. Randel** Address **Box 88, Carlisbad, N. M.**
Lessor or Tract **Federal Root** Field **Anderson** State **New Mexico**
Well No. **1-1** Sec. **1** T. **17S** R. **29E** Meridian **N.M.P.M.** County **Eddy**
Location **1650** ft. **N.** of **N.** Line and **1980** ft. **E.** of **W.** Line of **Sec. 1** Elevation **3678**
(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 *O. H. Randel*Title **Owner**Date **Dec 30, 1957**

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

Commenced drilling **12-4**, 19**57** Finished drilling **12-16**, 19**57**OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from **2535** to **2545** No. 4, from _____ to _____
No. 2, from **2677** to **2693** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **1079** to **2019** 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	24			310	Baker				Surface
5-1/2	14			2702	Baker		2535	2545	Production
							2677	2693	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	310	100	Circulated	37	
5-1/2	2702	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 **2702** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which **Dec 30** % was oil; **57** %
emulsion; _____ % water; and _____ % sediment. **78** 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
Leco Drilling Company, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	265	265	Red Beds and Sand
265	530	265	Anhydrite and red beds
530	967	437	Salt and anhydrite
967	1130	163	Lime and anhydrite
1130	1283	153	Sand & lime.
1283	1979	696	Lime and Anhydrite
1979	2019	40	Sand
2019	2670	651	Lime and sand
2670	2698	28	sand
2698	2702	4	Lime

100-443887-100

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY.

[illegible]

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.

Signed _____

Location: Section 16, Township 10N, Range 18E,
of Twp. 10N, R. 18E, S. 16E
Well No. 1 - Sec. 16, Twp. 10N, R. 18E, S. 16E

Director or Trust Federal Land Bank State of Texas

(Company or Individual) Name of Owner, Lessee, etc., Address

12-10-58

NO OIL OR GAS SANDS OR ZONES

[illegible]

JOHN F. KELLY 1947-1950

At 10 2/02 with 5 1/2" casing at 2702' perforated casing
2535-2545 and 2677-2693 with 4 shots per foot, treated per-
forations with 500 gallons mud acid, sand oil treated with
15,000 gallons sand oil, 15,000 pounds sand, and 40 ball

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 "added" 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 the water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

10-58084-2 U. S. GOVERNMENT PRINTING OFFICE

FROM—	TO—	TOTAL FEET	FORMATION
2700	2670	4	fine sand
2670	2610	60	fine sand
2610	2570	40	fine sand
2570	1970	600	fine and argill.
1970	1830	140	fine and argill.
1830	1730	100	fine and argill.
1730	1670	60	fine and argill.
1670	1530	140	fine and argill.
1530	1330	200	fine and argill.
1330	1230	100	fine and argill.
1230	1130	100	fine and argill.
1130	1030	100	fine and argill.
1030	930	100	fine and argill.
930	830	100	fine and argill.
830	730	100	fine and argill.
730	630	100	fine and argill.
630	530	100	fine and argill.
530	430	100	fine and argill.
430	330	100	fine and argill.
330	230	100	fine and argill.
230	130	100	fine and argill.
130	30	100	fine and argill.
30	0	30	fine and argill.