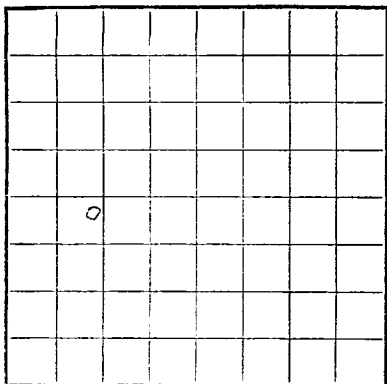




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER **LC 065591**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 23 1960

LOG OF OIL OR GAS WELL

Company **O. H. Randel.** Address **Box 88, Carlsbad, N. M.**
Lessor or Tract **Federal Root** Field **Square Lake** State **New Mexico.**
Well No **Root 3** Sec. **12** T **17** R. **29** Meridian **NMPM** County **Eddy**
Location **2310** ft. **N.** of **S.** Line and **990** ft. **E.** of **W.** Line of **Sec 12-17S-29E** Elevation **3644**
(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 **April 25, 1960** Title **Operator.**

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

Commenced drilling **Jan 24**, 19**60** Finished drilling **Feb 22**, 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 **1961** to **1968** 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 28			used	489	Texas				
					Pattern				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	489	50	Denton Oil	Well Cementing Co.	

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 **2582** 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 _____% 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. _____

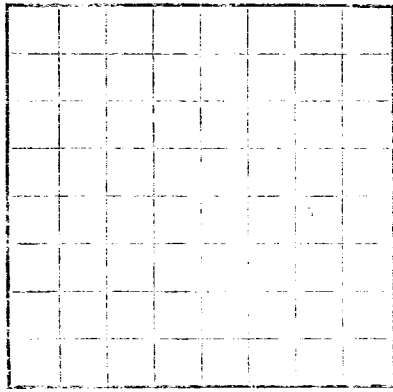
EMPLOYEES

Tom Boyd Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	469	469	Bed Bed, Gyp and Sand
469	905	436	Anhydrite
905	1433	528	Anhydrite
1433	1448	15	Lime
1448	1947	499	Anhydrite
1947	1968	21	Red Sand
1968	1999	31	Lime
1999	2045	46	Anhydrite
2045	2050	5	Lime
2050	2098	48	Anhydrite
2098	2145	47	Lime
2145	2303	158	Anhydrite
2303	2528	225	Lime
2528	2528	0	Slight show of oil, no free oil
2528	2550	22	Small show of gas
2550	2582	32	Lime
	2582		Total Depth.

Well is temporarily abandoned



LOCATE WELL CORRECTLY

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company _____
Lessor or Tract _____
Well Name _____
Location _____
The information given herein 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 _____
Title _____
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	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 _____ to _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, from _____ to _____

CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Out and pulled from	Remarks
If 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 added, state in the well, give size and location. If the well has been dynamited, position, size, position, and number of shots. If pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.							

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Amount of mud used	Mud grade	Method used	Remarks
If the well has been dynamited, position, size, position, and number of shots. If pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.			

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out
If the well has been dynamited, position, size, position, and number of shots. If pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.						

TOOLS USED

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

Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

DATE _____

The production for the first 24 hours was _____ barrels of oil and _____ barrels of gas. The gravity of the oil was _____ and the gravity of the gas was _____.

Calculus gasoline per 1,000 cu. ft. of gas _____

Look over the log and correct any errors.

EMPLOYEES

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Gravel
10	20	20	Sand
20	30	30	Clay
30	40	40	Shale
40	50	50	Limestone
50	60	60	Gypsum
60	70	70	Salt
70	80	80	Oil
80	90	90	Gas
90	100	100	Water