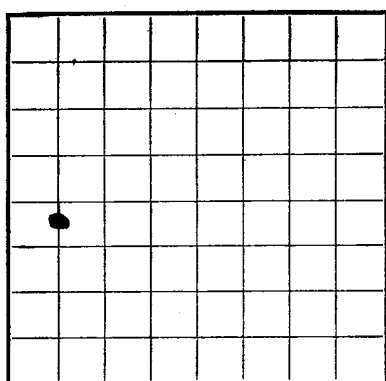


Form 9-330

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

Company **O. H. Randet.** Address **Box 88, Carlsbad, N. M.**
Lessor or Tract **Federal Root** Field **Square Lake** State **New Mexico.**
Well No. **3-1** Sec. **1** T. **17S** R. **29E** Meridian **NMPM** County **Eddy**
Location **2310** ft. **N** of **S** Line and **600** ft. **E** of **W** Line of **Sec 1-17S-29E** Elevation _____
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. Randet*

Date **Sept. 25, 1958** Title **Operator**
The summary on this page is for the condition of the well at above date.

Commenced drilling _____, 19____ Finished drilling **August 3**, 19____ **58**
OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **2630** to **2645** 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 **2630** to **2645** No. 3, from **2630** to **2645**
No. 2, from **2630** to **2645** No. 4, from **2630** to **2645**
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	522			522		Surface			Surface
5 1/2	2677			2677		2677			2677

MUDDING AND CEMENTING RECORD					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	522	50	Pumped in by Denton Oil Well Cementing Co.		
5 1/2	2677	100	" " " " " "		

PLUGS AND ADAPTERS
Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

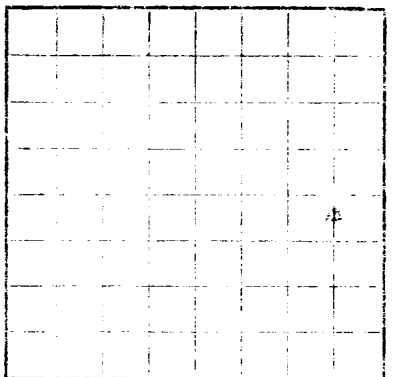
SHOOTING RECORD						
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED
Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
_____ Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which **Sept 24** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. **45** Gravity, °Bé. **100**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. **84** of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES
_____, Driller _____, Driller
Collier Drilling Co., Driller _____, Driller

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	235	235	Red Beds and Sand.
235	310	75	Shale and Gyp.
310	470	160	Shale.
470	495	25	Shale, Potash and anhydrite & salt
495	560	65	salt & anhydrite.
560	1020	460	Salt.
1020	1065	45	Anhydrite and shale.
1065	1430	365	Anhydrite and shale.
1430	1968	538	Anhydrite and blue shale.
1968	1987	19	Water and sand. Red sand, hole filled 300 feet.
1987	2050	63	Anhydrite and shale.
2050	2350	300	Shale and broken Anhydrite.
2350	2630	280	Lime.
2630	2645	15	Sandy lime, 60% sand. Free oil
2645	2677	32	Lime

(At 2677 top of San Andres)



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

Company _____
Lessor or Trust _____
Well No. _____
Location _____
The information given hereon 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 _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
Oil or Gas Sands or Zones _____

(These are by C)
No. 1 from _____
No. 2 from _____
No. 3 from _____
No. 4 from _____
No. 5 from _____
No. 6 from _____

At TD 2677 with 5 1/2" casing at 2677 perforated casing
2630-2645 with 2 shots per foot. Perforated casing with
100 gallons of mud and oil. 10,000 # sand
lease oil, 10,000 # sand

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 bailing.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD			
Casing size	Whipped	Amount sacks of cement	Method used
2 1/2"	222	50	Added by cementing co.
3 1/2"	237	100	
PLUGS AND ADAPTERS			
Heaving plug—Material	Length	Depth set	
Adapters—Material	Size		
SHOOTING RECORD			
Size	Shell used	Explosive used	Quantity
			Date
			Depth of sand out
TOOLS USED			
Drilling 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.			
DATES			
Put to production _____			
Parade of well _____			
Gravity _____			
Production gas per 1,000 cu. ft. of gas _____			
EMPLOYEES			
Driller _____			
Cementing _____			
FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	135	135	Red shale and sand.
135	310	175	Shale and sand.
310	410	100	Shale.
410	480	70	Shale, black and unperforated.
480	500	20	Soft sand.
500	1000	500	Soft.
1000	1150	150	Anthracite and shale.
1150	1400	250	Anthracite and shale.
1400	1600	200	Anthracite and blue shale.
1600	1700	100	Water and sand, red sand, 100 ft.
1700	1800	100	300 feet.
1800	2000	200	Anthracite and shale.
2000	2350	350	Shale and black sand.
2350	2600	250	Time.
2600	2677	77	Sandy time, on sand, 100 ft.
2677	2677	0	Time.
At 2677 top of sand.			