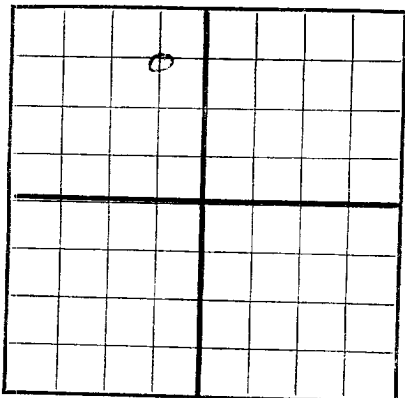




LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER LC 068281
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 27 1962
GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

Company Charles B. Read Address P. O. Box 1822, Roswell, N. Mex.
Lessor or Tract Russell - Federal Field Undesignated State New Mexico
Well No. 1 Sec. 31 T. 26S R. 32E Meridian NMP County Lea
Location 760 ft. N. of N. Line and 2002 ft. E. of W. Line of Sec. 31 Elevation 3147 G. L.
(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 C. B. Read Title Operator

Date September 26, 1962

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

Commenced drilling 8-22-62, 19 Finished drilling August 29, 1962

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4225 to 4275 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	24	8	Yngst	354	Hal	--			Surface Oil String
4 1/2	9.5	8	J & L	4315	Hal		4224	28	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	354	150 & 8% gel 2% CC	Pump & Plug	--	
4 1/2	4315	50	Pump & Plug	--	

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 0 feet to 4315 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

September, 1962 Put to producing September 17, 1962

The production for the first 24 hours was 62 barrels of fluid of which 99% was oil; 0% emulsion; 1% water; and 0% sediment. Gravity, °Bé. 39.2

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Leatherwood Drilling Co., Driller
Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	380	380	Anhydrite and Red Bed
380	410	30	Red Bed
410	2732	2322	Anhydrite and Salt
2732	2847	115	Anhydrite and Syp.
2847	2925	78	Anhydrite
2925	3004	79	Salt
3004	3025	21	Anhydrite
3025	3217	192	Anhydrite and Salt
3217	3407	190	Anhydrite
3407	3855	448	Anhydrite and Salt
3855	3964	109	Salt
3964	4228	264	Anhydrite
4228	4315	87	Sand T. D.

GEOLOGICAL TOPS

3961' - Base Salt
4174' - Top of Delaware Lime
4212' - Top Delaware Sand

HISTORY OF OIL OR GAS WELL

Sand frac 2000 gals oil & 3000 lbs 20/40 sd.

[illegible]