

U. S. LAND OFFICE - Las Cruces

SERIAL NUMBER: 032326

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Carrar Drilling Company, Inc Address Artesia
Lessor or Tract Jack Field Langlie-Mattix State New Mexico
Well No. 1 Sec. 18 T. 24S. R. 37E. Meridian NMPM County Lea
Location 660 ft. {N.} of S. Line and 660 ft. {E.} of W. Line of Sec. 18 Elevation (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 Marshall RowleyDate February 27, 1950Title Vice-President

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

Commenced drilling December 26, 1949 Finished drilling February 12, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3423 to 3426 No. 4, from 3570 to 3577 (G & G)
No. 2, from 3428 to 3435 (G) No. 5, from 3602 to 3607
No. 3, from 3534 to 3540 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—	
9-5/8	40	10	Halliburton	150	Halliburton	3423			
7	30	8	Halliburton	500	"	3410			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	243'	150	Halliburton		
7	3410'	500	"		

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
4"	40	Nitro	100 lbs.	2-12	3600-3641	3641

TOOLS USED

Rotary tools were used from 0 feet to 3410 feet, and from _____ feet to _____ feet
Cable tools were used from 3410 feet to 3641 feet, and from _____ feet to _____ feet

DATES

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

_____, Driller
R. V. Plato _____, Driller
J. W. Dyer _____, Driller
A. M. Pierce _____, Driller
M. A. Lapsley

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	270	270	Surface sand & caliche
270	1190	920	Red bed
1190	1292	102	Anhydrite
1292	2846	1554	Anhydrite & salt
2846	3066	220	Lime with gyp stringers
3066	3109	43	Lime and sand
3109	3428	319	Lime
3428	3439	11	Sand
3439	3600	161	Lime
3600	3612	12	Sand
3612	3623	11	Sandy lime
3623	3641	18	Sand
		3641	
Gas show 3428' gauged 5 1/2 million cubic feet.			
Lane-Wells Radioactivity log attached.			

(OVER)

----- PROJECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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 _____

Location $\left\{ \begin{array}{l} \text{S. } \frac{1}{2} \text{ of } \end{array} \right.$ of $\left\{ \begin{array}{l} \text{E. } \frac{1}{4} \text{ of } \end{array} \right.$ Line and $\left\{ \begin{array}{l} \text{W. } \frac{1}{4} \text{ of } \end{array} \right.$ of _____ Line of _____
 Section _____ T. _____ R. _____ Meridian _____ County _____ State _____
 Lessor or Tract _____
 Company _____
 General _____
 Address _____

Commenced drilling _____ 1948. Finished drilling _____ 1948. The summary on this page is for the condition of the well at above date.

Date _____

Title _____

OIL OR GAS SANDS OR ZONES

(D) (Describe due to (A))

No. 3 from 3434	to 3435	No. 1 from 3435	to 3436
No. 2 from 3436	to 3437	No. 2 from 3437	to 3438
No. 3 from 3438	to 3439	No. 4 from 3439	to 3440

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____

CASING RECORD

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

U. S. GOVERNMENT PRINTING OFFICE

BUILDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug Material	Length	Depth set
Size		

SHOOTING RECORD

[illegible]

TOOL USED

Rotary tools were used from	1410	test to	3410	feet, and from	test to	feet
Rotary tools were used from	1410	test to	3410	feet, and from	test to	feet

DATE

The production for the first 24 hours was water and ... sediment. Gallina casing for 1,000 cu ft of gas ... Gravity ... boards of kind of which ... it was off ... into producing ...	
---	---

EVOLUTION

FORMATION RECORD.

Dollar		
Dollar		

FORMATION RECORD.

[illegible]

INFORMATION RECORD—Continued

HOBBES OFFICER

0001-13371A

FORMATION