

Form 9-330

U S LAND OFFICE

SERIAL NUMBER LC-050797

LEASE OR PERMIT TO PROSPECT

A 10x10 grid with a small black dot in the center. The dot is located at the intersection of the 5th column and the 5th row from the top-left corner.

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Neil H. Wills Address Drawer W Carlsbad, N. M.
Lessor or Tract 10-C50797 Field Russell State New Mexico
Well No. Wills-35 Sec. 13 T. 20S R. 28E Meridian NMP County Eddy
Location 1980 ft. N. of N Line and 2630 ft. E. of E Line of Section 13 Elevation 3253
(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 [Signature]
Date 10-2-63 Title Agent

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

Commenced drilling ----- 8-23, 1963 Finished drilling ----- 9-6-63, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7	160	25	pump		
1 1/2	306	50	pump		

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
		nitroglycerine	22 qts	9-9-63	810-825	825

TOOLS USED

Rotary tools were used from 0 feet to 125 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing -----10-1-----, 1963

The production for the first 24 hours was 46 barrels of fluid of which 20% was oil; -----% emulsion; 30% 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

Thomas A. Tutor, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	red bed & sand
300	470	170	red bed & gyp
470	609	136	salt
609	615	9	anhydrite
615	649	34	lime & anhydrite
649	767	118	lime
767	806	39	Yates formation
806	825	19	Russell sand T.D.
			470 ft T/salt
			609 ft base/salt
			767 ft T/Yates

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY

100 OF OIL OR GAS WELL

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

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FROM-	TO-	TOTAL FEET	FORMATION
0	350	350	No samples
350	450	100	10 samples gypsum (70) RB (30)
450	470	20	2 " " (90) " (10)
470	570	100	10 " Mostly salt considerable cavings
570	610	40	Salt 50 Any 50
610	625	15	3 samples black white Any "
625	670	45	9 " Dol 60 Any (40) "
670	685	15	3 " Any 15 RB 85
685	720	35	7 " Dol 60 Any 40
720	745	25	5 " Dol 40 " 60
745	765	20	4 " Brown Dol " 60
765	770	5	Any 60 salt 60
770	775	5	White Dol 100
775	795	20	4 samples Any 70 Gray salt 30 some cavings
795	800	5	White Dol 60 Any 10
800	805	5	Gray sand considerable cavings
805	825	20	4 samples Br oil sand