

U. S. LAND OFFICE ----- **Las Cruces**
SERIAL NUMBER ----- **029392-B**
LEASE OR PERMIT TO PROSPECT -----

A large rectangular grid with 10 columns and 10 rows, intended for drawing a map of the school grounds.

RECEIVED UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
JAN 6 1961 GEOLOGICAL SURVEY JAN 11 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
O. C. C.
OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CONTINUED

Company Thomas F. Welch Address 102 South Second St.
Lessor or Tract _____ Field Shugart State New Mexico
Well No. 3 Sec. 26 T. 18 R. 31 Meridian N.M.P.M. County Eddy
Location 330 ft. N of S Line and 1650 ft. E of N Line of S26-18S-31E Elevation 3642
(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.

Date 1/5/61 Title Agent

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

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Commenced drilling November 24, 1960 Finished drilling December 28, 1960

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

No. 1, from 2746 to 2768 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 810 to 815 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MIDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	853'	50	Denton		
7"	2800'	100	Halliburton		

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
Sand	Frac					

TOOLS USED

TOOLS USED

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

Cable tools were used from 0 feet to 2800' feet, and from _____ feet to _____ feet.

DATES

11-24 _____, 19**60** **DATES** Put to producing **1-4** _____, 19**61**

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

EMPLOYEES	
L. P. Jennings	J. H. Hart
Driller	Driller
J. A. Greenwood	
Driller	Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Sand & Caliche
50	225	175	Sand & R. Bed
225	370	145	R. Rock
370	695	325	R. Shale & Anhy.
695	825	130	Anhy.
825	845	20	Salt
845	855	10	Anhy.
855	905	50	Anhy. & Salt
905	1110	205	Anhy., R. Bed & Salt
1105	1990	885	Salt
1990	2105	115	Anhy. & Salt
2105	2605	500	Anhy.
2605	2640	35	Anhy. & Red Sand
2640	2650	10	Gray Sand
2650	2700	50	Anhy. G. Sand
2700	2740	40	Anhy. & G. Lime
2740	2770	30	Sandy Lime
2770	2800	30	G. Lime T.D.

[OVER]

