

New Mexico

U. S. LAND OFFICE - 025566

SERIAL NUMBER ----- **1086**

LEASE OR PERMIT TO PROSPECT

T-19-5

Sec. 19

B-32-E

LOCATE WELL CORRECTLY

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
RECEIVED GEOLOGICAL SURVEY

OCT 17 1960

U. S. GEOLOGICAL SURVEY

ARTESIA NEWME

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address 2005 Wilco Building, Midland, Texas
Lessor or Tract Lusk Deep Unit Field Wildcat State New Mexico
Well No. 1 Sec. 19 T. 19-S R. 32- Meridian 10E County Lea
Location 660 ft. N of S Line and 660 ft. E of W Line of Sec. 19 Elevation 3530 GL
(Derrick Base 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 Jimmie Olson
Title Petroleum Engineer

Date 10/14/60

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

Commenced drilling June 4, 1960 Finished drilling September 26, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G.)

No. 1, from <u>8759</u> to <u>8777</u> No. 2, from <u>11168</u> to <u>11193</u> No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
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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—	
13-3/8	54.5	Lone	Star 8	835'	Baker				Surface
9-5/8	43.5 & 40			5430'					Intermediate
7"	32	A. O. Smith	11232	Halliburton			8759	8777	Production
							11168	11193	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	835'	450	Pump & Plug		
9-5/8	5430	475 sx plus 560 lbs-			
		400			
7	11232	815			

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 11,332 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----10/14-----, 1960 Put to producing -----10/5-----, 1960

The production for the first 24 hours was 732 barrels of fluid of which 100% was oil; -% emulsion; -% water; and -% sed. ment. Gravity, °Bé. 50.1 API

If gas well, cu. ft. per 24 hours 1,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	733	733	sand, shale
733	960	227	anhydrite
960	2300	1340	salt, anhydrite
2300	2500	200	anhydrite, dolomite
2500	2960	460	dolomite, anhydrite, sand
2960	4490	1530	dolomite, anhydrite, sand
4490	5500	1010	dolomite, sand
5500	7020	1520	dolomite, sand, shale
7020	10270	3250	lime, dolomite, shale, sand, chert
10270	11010	740	lime, shale, chert
11010	11,232	222	lime, shale, chert.
<u>Formation tops</u>			
Anhydrite		733	
Tansil		2300	
Yates		2500	
7 Rivers		2960	
Delaware		4490	
Bone Springs		7020	
Wolfcamp		10270	
Strawn		11010	

[OVER]

15-43094-4

FORMATION

HISTORY 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 to 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 damaged, 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 balling.

(Sewage) is being produced. The upper zone (some 100 ft) is shale-ly.

[illegible]