

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 02990
LEASE OR PERMIT TO PROSPECT Mescalero Ridge

T-19-S

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R-34-15

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address 2005 Wilco Bldg., Midland, Texas
 Lessor or Tract Mescalero Ridge Unit Field Wildcat State New Mexico
 Well No. 2 Sec. 28 T. 19S R. 34E Meridian NMPM County Lea
 Location 660 ft. N of N Line and 1980 ft. E of E Line of Section 28 Elevation 3722.5 CL
 (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 D. E. Lockett *H. G. Lockett*
Date February 5, 1962 Title Division Petroleum Engineer

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

Commenced drilling October 12 1961 Finished drilling December 25 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from 13,132' to 13,148' (G)	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. 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
13 3/8	373'	724 730	circulated		
9 5/8	5560'	1904	2-stage, circ.		
5 1/2	13587'	360	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 13,710 TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

(Completion Date) **DATES** (Potential Test)
~~January 7~~, 1962 Put to producing ~~January 18~~, 1962

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 1,135,000 (ACE) Gallons gasoline per 1,000 cu. ft. of gas 13.817 Bbl GCR

Rock pressure, lbs. per sq. in. 4615 Surface shut-in pressure

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1744	1744	redbeds, anhydrite
1744	2126	382	anhydrite
2126	3293	1167	salt, anhydrite
3293	3378	85	anhydrite
3378	3493	115	dolomite
3493	4548	1055	anhy., sand, dolomite
4548	5459	911	sand, dolomite
5459	5780	321	lime
5780	8123	2343	sand, lime
8123	9450	1327	lime
9450	9620	170	sand
9620	9930	310	lime, dolomite
9930	10345	415	sand, dolomite
10345	10520	175	dolomite, sand
10520	10843	323	sand
10843	12220	1377	lime, shale
12220	12572	352	lime
12572	12772	200	shale, sand
12772	13120	348	lime, shale
13120	13663	543	sand, lime, shale
13663	13710	47	lime

FORMATION RECORD—Continued

[illegible]

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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12/25/61	ID 13, 710'. Prep to run 5 1/2" production casing.
12/30/61	Perforated Morrow Zone from 13, 325'-13, 415'. Acidized w/5000 gallons, no production. Perforations sealed off w/25 sx cement plug.
1/3/62	Perforated Morrow Zone from 13, 215'-13, 230'. Acidized w/1000 gallons, no production. Sealed perforations off with cast iron bridge plug set @ 13, 170'.
1/6/62	Perforated Morrow Zone from 13, 132'-13, 148'. This is the producing interval.