



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079394
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 27-5 Unit Field Blanco M. V. State New Mexico
Well No. 61 (FM) Sec. 33 T. 27N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 290 ft. S. of N. Line and 290 ft. W. of E. Line of Section 33 Elevation 5523'
(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 _____

Date October 11, 1961Title Petroleum Engineer

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

Commenced drilling 8-10, 1961 Finished drilling 8-17, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3240 to 3320 (G) No. 4, from 5340 to 5500 (G)
No. 2, from 4000 to 5005 (G) No. 5, from _____ to _____
No. 3, from 5005 to 5340 (G) 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—	
10 3/4	32.75	8 Rd.	H-40	139	HUNCO				Surface
7	20	6 Rd.	J-55	3445	Baker				Prod. Csg.
4 1/2	9.5	2 Rd.	J	5596	Baker				Prod. Liner
2 1/16	3.25	6 Rd.	J	5490					Prod. Tubing
1 1/4	2.4	6 Rd.	J	3295					Prod. Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	139	120	Circulated		
7	3445	130	Single Stage		
4 1/2	5596	250	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size Baker Model 11A 1 1/4 3445

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Perf. Mesa Verde	4350-56; 5410-16; 5420-26; 5432-30; 5434-5502; 5500-14	Flush	2560 gal.	I.R. 57.5	Max. pr. 3500, BDP 3300, tr. pr. 2650-3500	Perf. Pictured Cliffs 3250-70; 3292-90; 3300-14 frac w/25,000 gal. water, 30,000% sand, Flush 6225. I.R. 73.6
TOOLS USED					Max. pr. 2700, BDP 1500, tr. pr. 1800-2200-2700	
Rotary tools were used from _____ feet to <u>3445</u> feet, and from <u>3445</u> feet to <u>5599</u> feet						
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet						

DATES

_____ 1961 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 1070,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1160 1070 MCF/L
EMPLOYEES 1160 2206 MCF/L_____Moran Bros. Rig #1_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2695	2695	Tan to gry cr-grn ss interbedded w/gry sn.
2695	2809	114	Ojo Alamo ss. White cr-grn s.
2809	3050	251	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3050	3240	189	Kirtland form. Gry carb sh, scattered coals, Gry sh interbedded w/tight gry fine-grn ss.
3240	3320	80	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3320	4000	1560	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4000	5005	125	Cliff House ss. Gry, fine-grn, dense sil ss.
5005	5340	335	Menefee form. Gry, fine-grn s, carb sh & coal.
5340	5599	259	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.

FORMATION RECORD—Continued[illegible]

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 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.