

A 10x10 grid with a small black mark in the top-left cell.

RECEIVED
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LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

OCT 17 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 597, Farmington, New Mexico
Lessor or Tract San Juan 30-4 Unit Field H. Elmore F.G. State New Mexico
Well No. 21 Sec. 22 T. 30N R. 4E Meridian N.M.P.M. County El Arriba
Location 320 ft. SW of N Line and 507 ft. E of N Line of Section 22 Elevation 7300
(Correl. Bear relative to true 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. Original Signed By:

Date October 15, 1958 Signed D. W. Meehan
Title Technical Engineer

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

Commenced drilling 8-3, 1952 Finished drilling 8-19, 1952

OIL OR GAS SANDS OR ZONES

(Denote π by Γ)

No. 1, from 1952 to 1973 (6) No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

[illegible][illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	155'	150	Stratified		
9 1/2"	155'	200	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size

SHOOTING RECORD

[illegible]

TOOLS USED

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

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

DATES

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1300

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3700	3700	Thin to gray cr-grn ss interbedded w/gy sh.
3700	3804	84	lgy sh. ss. White cr-grn s.
3804	4168	364	Bedded form. Dry sh interbedded w/tight fine-grn ss.
4168	4302	134	Bedded form. Dry earth sh, scattered c coals and gry, tight, fine-grn ss.
4302	4573	271	Bedded sh. form. Dry, fine-grn, tight variegated soft ss.
4573	4598	25	Local thinning. Dry to white dense sh w/ to shaly at breaks.

Company El Paso Natural Gas Company Lessor or Tract San Juan 30-4 Unit Well No. 21 Sec. 22 T. 30N R. 14W Meridian N.M.P.M. County Rio Arriba State New Mexico Address Box 997, Farmington, New Mexico

Location 620 ft. S. of line and 937 ft. E. of line of Section 22 Elevation 7500

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. W. Meahan Title Petroleum Engineer Date October 15, 1928

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

Commenced drilling 8-3- 1928 Finished drilling 8-19- 1928

OIL OR GAS SANDS OR ZONES	
(Denote gas by G)	
No. 1, from <u>4302</u> to <u>4513 (G)</u>	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. 1, from _____ to _____
No. 2, from _____ to _____	No. 2, from _____ to _____

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 "backed" or left in the well, give its size and section. If it has been dynamited, give date, size, position, and number of holes. If it has been dynamited, give date, size, position, and number of holes. If it has been dynamited, give date, size, position, and number of holes.

HISTORY OF OIL OR GAS WELL

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>2 1/2"</u>	<u>125'</u>	<u>200</u>	<u>Stagie stage</u>		
<u>2 1/8"</u>	<u>125'</u>	<u>150</u>	<u>Stagie stage</u>		

PLUGS AND ADAPTERS	
Heaving plug—Material _____	Length _____
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 _____ feet, and from _____ feet to _____ feet	
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet	

DATES	
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.	
If gas well, cu. ft. per 24 hours _____	
Rock pressure, lbs. per sq. in. _____	

EMPLOYEES	
Driller _____	
Driller _____	

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	3700	3700	tan to gry cr-grn as interbedded w/gry sh.
3700	3864	164	o to Alamo ss. White cr-grn s.
3864	4168	304	Irishland form. Gry sh interbedded w/tight gry lime-grn ss.
4168	4302	134	Irishland form. Gry carap sh, scattered coals, coals and gry, tight, lime-grn ss.
4302	4513	211	Irishland form. Gry, lime-grn, tight, interbedded w/lt ss.
4513	4520	7	Irishland form. Gry to white dense sh w/silty to shaly ss breaks.