

Santa Fe

U. S. LAND OFFICE

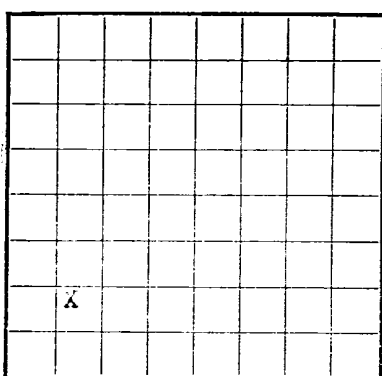
079522

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY 14-06-001-949



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-5 Unit Field Blanco State New Mexico
Well No. 22 Sec. 21 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1140 ft. of S Line and 990 ft. of W Line of Section 21 Elevation 6664
(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 June 12, 1957 Signed Original Signed D. C. Johnston
Title Petroleum Engineer

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

Commenced drilling 3-21, 19 57 Finished drilling 4-7, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3520 to 3609 (G) No. 4, from 5697 to 5843 (G)
No. 2, from 5293 to 5385 (G) No. 5, from _____ to _____
No. 3, from 5385 to 5697 (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	P.E.	S.W.	160'	Howco				surface
7-5/8"	26.4	8.89	J-55	3620'	Baker				intermediate
5-1/2"	15.5	8.89	J-55	5800'	Baker				production
2-1/2"	4.77	8.89	J-55	5800'	Baker				production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	173'	150	circulated		
7-5/8"	3632'	250	single stage		
5-1/2"	5690'	300	single stage		

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

Gas Drilled

Rotary tools were used from 0 feet to 3640 feet, and from 3640 feet to 5895 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

4-13, 19 57 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 4,416,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1097 A.C.F. = 8170 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2815	2815	Tan to gry cr-grn ss interbedded w/gry sh.
2815	2998	183	Ojo Alamo ss. White cr-grn s.
2998	3265	267	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3265	3520	255	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3520	3609	89	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3609	5293	1684	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5293	5697	312	Menefee form. Gry, fine-grn s, carb sh & coal.
5697	5843	146	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5843	5895	52	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

