

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO
AS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract San Juan 27-4 Unit Field Blanco M. V. & Tapacito
P. C. Ext. State New Mexico
 Well No. 21(FM) Sec. 30 T. 27N R. 4W Meridian N.M.P.M. County Rio Arriba
 Location 850 ft. ~~Block~~ of N Line and 1800 ft. ~~Block~~ of E Line of Section 30 Elevation 6968
Drill's base station

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 _____ Original Signed F. H. WOOD

Date July 6, 1959 Title Petroleum Engineer

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

Commenced drilling 5-3 19 59 Finished drilling 5-19 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3821 to 3890 (a) No. 4, from 5995 to 6065 (a)
No. 2, from 5500 to 5600 (a) No. 5, from to
No. 3, from 5600 to 5995 (a) 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	Out and pulled from	Perforated		Purpose
							From—	To—	
10 3/4	32.75	P.E.	S.W.	161	Hotco				Surface
8 1/2	24.5	8 Bd.	J-55	6000					Prod. Csg.
5 1/2	12.5	10 Bd.	Grade A	385					Prod. Liner
2"	4.7	8 Bd.	J-55	6000					Prod. Tubing
1 1/4	2.4	10 Bd.	Grade A	385					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	174'	142	Circulated		
7 5/8	3999'	125	Single Stage		
5 1/2	3930-6177	430	Single Stage & Sq.		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size Gilbertson "Shorty" packer set at 4071'.

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 4000 feet, and from 4000 feet to 6180 feet.

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

DATES

----- **4-26** -----, 19-**59** 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 PC-2,356,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. EC-1021

EMPLOYEES

_____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3328	3328	Tan to gry cr-grn ss interbedded w/gry sh.
3328	3428	100	Ojo Alamo ss. White cr-grn s.
3428	3572	144	Kirtland form. Gry sh interbedded v/tight gry fine-grn ss.
3572	3821	249	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3821	3890	69	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3890	5500	1610	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5500	5600	100	Cliff House ss. Gry, fine-grn, dense sil ss.
5600	5995	395	Maneefee form. Gry, fine-grn s, carb sh & coal.
5995	6095	100	Point Lockout form. Gry, very fine sil ss w/frequent sh breaks.
6095	6180	85	Mancos formation. Gry carb sh.

