

Santa Fe

U. S. LAND OFFICE 079393

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

14-06-001-950

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **San Juan 27-5 Unit** Field **Blanco** State **New Mexico**
Well No. **21** Sec. **3** T. **27N** R. **5W** Meridian **N.M.P.M.** County **Hidalgo**
Location **990** ft. **N.** of **W** Line and **1650** ft. **E.** of **E** Line of **Section 3** Elevation **6602**
(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 **Original Signed D. C. Johnson**
Title **Petroleum Engineer**

Date **June 11, 1957**

The summary on this page is for the condition of the well at above date.
Commenced drilling **4-17**, 19**57** Finished drilling **5-5**, 19**57**

OIL OR GAS SANDS OR ZONES

No. 1, from **3450** to **3531 (G)** No. 4, from **5623** to **5750 (G)**
No. 2, from **5210** to **5294 (G)** No. 5, from **5294** to **5623 (G)**
No. 3, from **5294** to **5623 (G)** No. 6, from **5623** to **5750 (G)**

IMPORTANT WATER SANDS

No. 1, from **5210** to **5294** No. 3, from **5294** to **5623**
No. 2, from **5294** to **5623** No. 4, from **5623** to **5750**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
10-3/4"	32.75	P.E.	S.W.	162'	Howco			surface
7-5/8"	26.4	8 Rg.	J-55	3587'	Baker			intermediate
5-1/2"	15.5	8 Rg.	J-55	5603'	Baker			production
2"	4.7	8 Rg.	J-55	5723'	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"	175'	150	circulated		
7-5/8"	3590'	250	single stage		
5-1/2"	5813'	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
			See Well History			

TOOLS USED

Rotary tools were used from **0** feet to **3600** feet, and from **3600** feet to **5820** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-13, 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 **3,996,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1090** A.O.F. = **6605 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2784	2784	Tan to gry cr-grn ss interbedded w/gry sh.
2784	2965	181	Ojo Alamo ss. White cr-grn s.
2965	3250	285	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3250	3450	200	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3450	3531	81	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3531	5210	1679	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5210	5294	84	Cliff House ss, Gry, fine-grn, dense sil ss.
5294	5623	329	Menefee form. Gry, fine-grn s, carb sh & coal.
5623	5750	127	Point Lookout fom. Gry, very fine sil ss w/frequent sh breaks.
5750	5820	70	Mancos formation. Gry carb sh.

