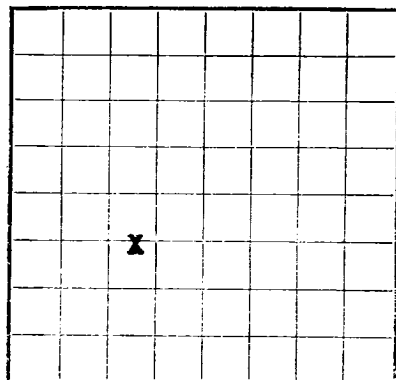


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **077111**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Co.** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Storey** Field **So. Blanco Ext.** State **New Mexico**
Well No. **8-C** Sec. **33** T. **28N** R. **9W** Meridian **N.M.P.M.** County **San Juan**
Location **1450** ft. **N** of **S** Line and **1850** ft. **E** of **W** Line of **Section 33** Elevation **7046**
(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**
Date **June 27, 1957** Title **Petroleum Engineer**

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

Commenced drilling **3-14**, 19**57** Finished drilling **4-20**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3128** to **3187 (G)** No. 4, from **5396** to **5594 (G)**
No. 2, from **4743** to **4785 (G)** No. 5, from _____ to _____
No. 3, from **4785** to **5396 (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.	162'	Howco				surface
7-5/8"	26.4	8 Rd.	I-55	5290'	Baker				Producing.
5-1/2"	15.75	8 Rd.	I-55	5290'	Baker				Producing.
2"	6.4	8 Rd.	I-55	5290'	Baker				Producing.
1-1/4"	2.3	8 Rd.	Grade B	3137'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	172'	150	circulated		
7-5/8"	5290'	300	two stages (150 aks. each stage)		
5-1/2"	5221-5645	260	single stage and squeeze (110 and 150 aks. on sq.)		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size **Baker Model BJ pr. at 5380'.**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			See Well History			

TOOLS USED

Gas Drilled

Rotary tools were used from **175** feet to **5290** feet, and from **5290** feet to **5645** feet
Cable tools were used from **0** feet to **175** feet, and from _____ feet to _____ feet

DATES

4-27, 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 **P.C. 2,366,000** **M.V. 1,107,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1032** **A.O.P. = P.C. 2538 MCF/D & M.V. 6489 MCF/D**

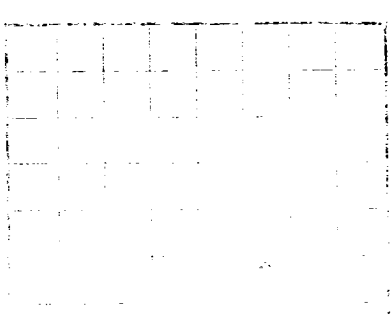
EMPLOYEES

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

FORMATION RECORD

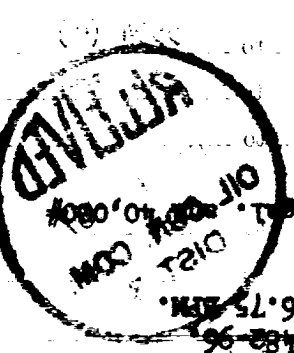
FROM—	TO—	TOTAL FEET	FORMATION
0	2100	2100	Tan to gry cr-grn ss interbedded w/gry sh.
2100	2255	155	Ojo Alamo ss. White cr-grn s.
2255	2848	593	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2848	3128	280	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3128	3187	59	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3187	4743	1556	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4743	4785	42	Cliff House ss. Gry, fine-grn, dense sil ss.
4785	5396	611	Manefee form. Gry, fine-grn, s, carb sh & coal.
5396	5594	198	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5594	5645	51	Mancos formation. Gry carb sh.

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Geological description of the well, including details about the formation, depth, and production. The text is oriented vertically on the page.



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 date of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	...
10	20	20	...
20	30	30	...
30	40	40	...
40	50	50	...
50	60	60	...
60	70	70	...
70	80	80	...
80	90	90	...
90	100	100	...