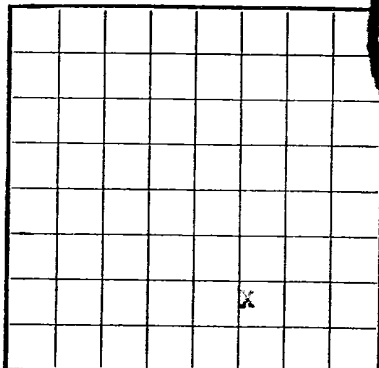


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **080385**

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 Company Address Box 997, Farmington, New Mexico
Lessor or Tract Rincon Unit Field So. Blanco P.C. State New Mexico
Well No. 55 Sec. 23 T. 27N R. 7W Meridian NMIM County Rio Arriba
Location 990 ft. [N.] of S. Line and 1650 ft. [E.] of E. Line of Section 23 Elevation 6673'
(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 EWELL N. WALSHDate November 13, 1956Title Petroleum Engineer

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

Commenced drilling 9-18-56, 19____ Finished drilling 9-24-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from 3087 to 3155 (G) 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. 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—	
9 5/8	25.4	P.E.	S.W.	122'	Howco				Surface
5 1/2	15.5	P.E.	J-55	3155'	Howco				Crack. Gas.
2	8.7	P.E.	J-55	3155'	Howco				Crack. Gas.
REMARKS ON OIL OR GAS SANDS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	132'	100	Circulated		
5 1/2	3155'	150	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 _____ feet to 3200 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-16-56, 19____ 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 5,077,000 A.O.F. 21,402 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 954

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2432	2432	Tan to gry cr-grn ss interbedded w/ gry sh.
2432	2510	78	Ojo Alamo ss. White cr-grn s.
2510	2610	300	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2610	3087	277	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3087	3155	68	Pictured Cliffs form. Gry fine-grn, tight, varicolored soft ss.
3155	3200	45	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.



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LOG OF OIL OR GAS WELL

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The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____
J. H. F. W. WASH

Location of the well is at _____ ft. N. of _____ line and _____ ft. W. of _____ line of _____
Well No. _____ Sec. _____ T. _____ R. _____ S. _____
County _____ State _____
Lessor or Trust _____
Company _____
Address _____

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

Comments following "Finished drilling" are for information only.

Date..... Title.....

OFFICE OF THE ATTORNEY GENERAL

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10-17-50 Total depth 3196', clearest to 3160'. Perforated 3112-3146. Fractured with 40,000 gallons water and 40,000 sand. Flush with 4000 gallons. Injection rate 60 bbl. Maximum and min 2100'. Average pressure 1600'.

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

HISTORY OF OIL OR GAS WELL

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FORMATION RECORD—Continued