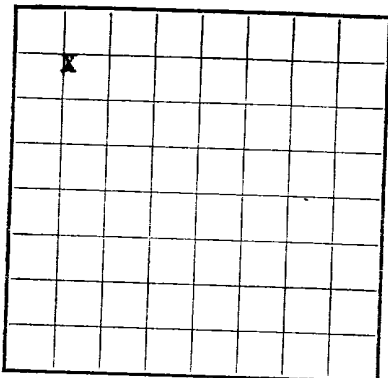
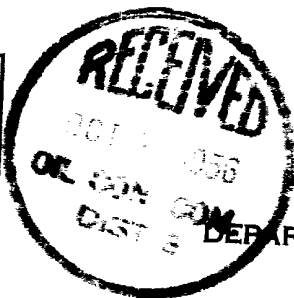




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079360
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 927, Farmington, New Mexico
Lessor or Tract Rincon Unit Field So. Blanco P.C. State New Mexico
Well No. 63 Sec. 23 T. 27N R. 7W Meridian NM County Rio Arriba
Location 290 ft. S. of N Line and 890 ft. E. of W Line of Section 23 Elevation 6629'
(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 September 27, 1956Signed [Signature] Title Petroleum Engineer

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

Commenced drilling 9-3-56, 19____ Finished drilling 9-8-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3078 to 3159 (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	S.W.	S.W.	122'	Howco				Surface
5 1/2"	18.5	8 3/4	J-55	1300'	Howco				Production
2"	4.7	8 3/4	J-55	1300'	Howco				Production
HISTORY OF CH OK CIVL METE									

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"	3200'	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

9-12-56, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.

If gas well, cu. ft. per 24 hours 3,945,000 Gravity, °Bé. _____
A.O.F. 6,446 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1016

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2350	2350	Tan to gry cr-grn ss interbedded w/ gry sh.
2350	2438	88	Ojo Alamo ss. White cr-grn s.
2438	2851	413	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2851	3078	227	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3078	3159	81	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3159	3200	41	Lewis formation. Gry to white dense sh w silty to shaly ss breaks.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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OIL OR GAS SANDS OR ZONES

(1) Derivatives of the function

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

IMPORTANT WATER SANDS

_____ to _____ month _____ 1907

_____ to _____ month _____ 1907

_____ to _____ month _____ 1907

9-11-56 C.O.D. #174. Part. with 4 jet it. Int. 3106-3140, water fractured
fracture either with 39,000 gallons water, 40,000# sand. Fracture with 3200 gallons
water. Injection rate 55.9 bpm. 2250' fracturing pressure 1800# maximum CASING RECORD

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 balling.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

MIDDLETOWN AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

leaving plug - Z1aerial	_____	Length	_____	Depth see _____
chabbers - Z1aerial	_____	Size	_____	

SHOOTING RECORD

[illegible]

FOOTNOTES USED

_____ feet to _____ feet and from _____ feet to _____ feet	_____ feet to _____ feet and from _____ feet to _____ feet	_____ feet to _____ feet and from _____ feet to _____ feet
_____ feet to _____ feet and from _____ feet to _____ feet	_____ feet to _____ feet and from _____ feet to _____ feet	_____ feet to _____ feet and from _____ feet to _____ feet

25TAD

[illegible]

TEMPERATURE

[illegible]

FORMATION RECORD

FORM -	10-	TOTAL ASSET	FORMATION
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FORMATION RECORD—Continued