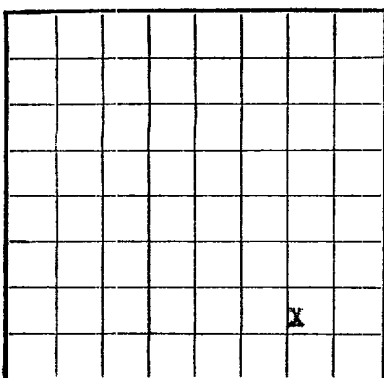


U. S. LAND OFFICE Santa FeSERIAL NUMBER 080213

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 977, Farmington, New Mexico
Lessor or Tract Rincon Unit Field Co. Blanco State New Mexico
Well No. 72 Sec. 33 T. 27N R. 7W Meridian 100M County Rio Arriba
Location 990 ft. N. of S. Line and 650 ft. W. of E. Line of Section 33 Elevation 6640'
(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 EWELL N. WALSHDate February 5, 1957Title Petroleum Engineer

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

Commenced drilling 12-15-56, 19____ Finished drilling 12-20-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2877 to 2950 (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	
<u>9-5/8</u>	<u>25.4</u>	<u>8</u>	<u>S.W.</u>	<u>127'</u>	<u>Hawco</u>				<u>Surface</u>
<u>5-1/2</u>	<u>15.5</u>	<u>8</u>	<u>S.W.</u>	<u>2800'</u>	<u>Hawco</u>				<u>Production</u>
<u>4-1/2</u>	<u>14.3</u>	<u>8</u>	<u>S.W.</u>	<u>2800'</u>	<u>Hawco</u>				<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>139'</u>	<u>100</u>	<u>Circulated</u>		
<u>5-1/2</u>	<u>2970'</u>	<u>150</u>	<u>Single Stage</u>		

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
		<u>See Well History</u>				

TOOLS USED

Rotary tools were used from _____ feet to 2970 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

1-15-57, 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 3,032,000 Gallons of gas per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 410

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2025	2025	Tan to gry cr-grn ss interbedded w/ gry sh.
2025	2238	213	Ojo Alamo ss. White cr-grns.
2238	2664	426	Kirtland form. Gry sh interbedded w/ tight gry fine-grn ss.
2664	2677	213	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2677	2950	73	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2950	2970	20	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.



FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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.

1-16-57 C.O.T.D. 2941'. Perf. with 4 jet ft. Int. 2902-22 water forced
 Pictorial Cliffs with 28,226 gallons water used 25,000 ft. sand. Flush with 4000
 gallons water. I.R. 61.0 BPM. BHP 3500', Tr. pr. 1600', max. pr. 1600'.

UNRECORDED LETTERS 24M03

$\mathbb{E}(O^3 \text{LOW})$	PO	$\mathbb{E}(O^3 \text{LOW})$	PO
$\mathbb{E}(O^3 \text{PO})$	PO	$\mathbb{E}(O^3 \text{LOW})$	PO
$\mathbb{E}(O^3 \text{LOW})$	PO	$\mathbb{E}(O^3 \text{LOW})$	PO

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THE SIGNATURE ON THIS PAGE IS FOR THE CONTINUED USE OF THE NAME OF THE OFFICE

DATE _____

[illegible]

The information given presently is a composite and correct record of the men and up work done thereon.

LOCATION OF TIME AND DATE OF THE TIME OF FIGURE

[illegible][illegible]

Person or Group _____ Date _____ State _____

FOCALTE MET CONVECTIA

[illegible]

TOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

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SECRET//NOFORN

CONFIDENTIAL

MSD 0016X01-13-31-01

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