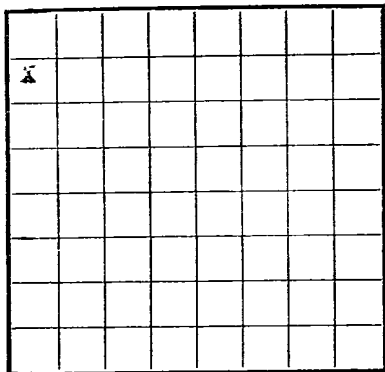


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 070233
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 Therfano Unit Field W. Kutz C. Ext. State New Mexico
Well No. 62 Sec. 33 T. 27N R. 10W Meridian MTN County San Juan
Location 1150 ft. 100 of N Line and 592.3 ft. W of E Line of Section 33 Elevation 6100'
(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 [Signature]

Date December 20, 1956 Title Petroleum Engineer

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

Commenced drilling 11-24-56, 19____ Finished drilling 11-25-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1772 to 1490 (G) No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>5 1/8</u>	<u>20.50</u>	<u>8 RD</u>	<u>J-55</u>	<u>120'</u>	<u>Howco</u>				<u>Surface</u>
<u>5 1/2</u>	<u>13.50</u>	<u>4 RD</u>	<u>J-55</u>	<u>1000'</u>	<u>Howco</u>				<u>Production</u>
<u>1 3/4</u>	<u>2.3</u>	<u>6 RD</u>	<u>Grade B</u>	<u>1000'</u>					<u>Prod. log.</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 1/8</u>	<u>130'</u>	<u>100</u>	<u>Circulated</u>		
<u>5 1/2</u>	<u>150'</u>	<u>150</u>	<u>Single tag</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

TOOLS USED

Rotary tools were used from _____ feet to 1500 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-3-56, 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 1,150,000 A.G.P. 1,250 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 424

EMPLOYEES

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

FORMATION RECORD

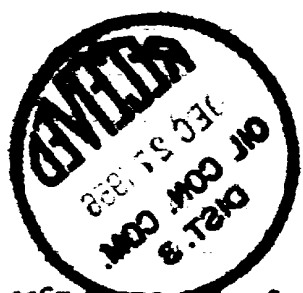
FROM—	TO—	TOTAL FEET	FORMATION
	<u>770</u>	<u>770</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>770</u>	<u>690</u>	<u>120</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>690</u>	<u>1505</u>	<u>515</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>1505</u>	<u>1772</u>	<u>267</u>	<u>Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>1772</u>	<u>1090</u>	<u>110</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>

(OVER)

[illegible]

LOCATE WELL CORRECTLY

Attest: *[Signature]*

[illegible]

12-1-50 I.D. 1990. C.C.T.D. 1910. Water fractured fractured chert.
1778-1990 at 93,700 GPH, water at 25,000 GPH. HPS 1000. Pressure 1000#,
Pressure 1000#, Water fracturing pressure 1900. I.R. 96.3 HPS. 2300 GPH.

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

16-42094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued

MSAM / C-NO-