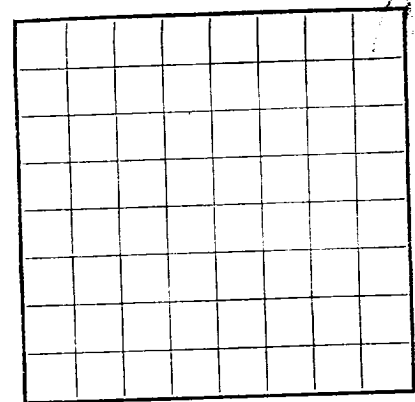




LOCATE WELL CORRECTLY

DEC 1 1962

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078910
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 990, Farmington, New Mexico
Lessor or Tract Lindrith Unit Field So. Blanco P. C. State New Mexico
Well No. 43 Sec. 31 T. 24N R. 2W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. S. of N. Line and 990 ft. E. of W. Line of Section 31 Elevation 7209
(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 _____

Date November 20, 1962 Title Petroleum Engineer

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

Commenced drilling 5-3, 1962 Finished drilling 5-7, 1962

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3003 to 3108 (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>8 5/8</u>	<u>24</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>123</u>	<u>HOWCO</u>				<u>Surface</u>
<u>2 7/8</u>	<u>6.4</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>3248</u>	<u>Baker</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>8 5/8</u>	<u>134</u>	<u>130</u>	<u>Circulated</u>		
<u>2 7/8</u>	<u>3258</u>	<u>115</u>	<u>Single</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>Perf 3130-3136; 3118-3124; frac w/38,698</u>			<u>gallons water, 35,000#</u>			<u>sand. I.R. 20.6 BPM.</u>
<u>Max. pr. 3300#, BDP 1800#, tr. pr. 2600-3300#.</u>			<u>Flush w/2100 gallons water. Dropped</u>			
<u>1 set of 12 balls.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 3258 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-30, 1962 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 7,424,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 984 Casing A.O.F. 16,333 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2788</u>	<u>2788</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2788</u>	<u>2888</u>	<u>100</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2888</u>	<u>3003</u>	<u>115</u>	<u>Kirtland form. Gry sh interbedded w/tight gry</u>
			<u>fine grn ss.</u>
<u>3003</u>	<u>3108</u>	<u>105</u>	<u>Fruitland form. Gry carb sh, scattered coals,</u>
			<u>coals and gry, tight, fine grn ss.</u>
<u>3108</u>	<u>3258</u>	<u>150</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight,</u>
			<u>varicolored soft ss.</u>

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued