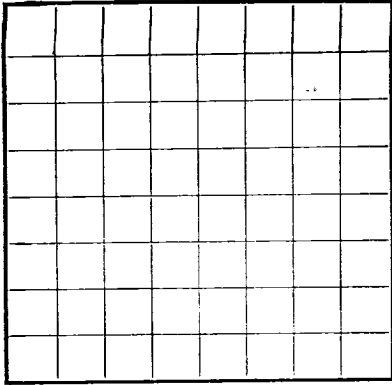


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080112
LEASE OR PERMIT TO PROSPECT _____



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 291, Farmington, New Mexico
Lessor or Tract Acule Field Blanco Sec. 1.0 Ext. State New Mexico
Well No. 9-14 Sec. 32 T. 2.2 R. 4 Meridian N.M.P.M. County San Juan
Location 400 ft. N. of Line and 100 ft. E. of Line of Sec. 32 Elevation 4639
(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 D. C. Johnston
Title Petroleum Engineer

Date January 2, 1956

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

Commenced drilling _____, 19 54 Finished drilling 11-14, 19 54

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

No. 1, from 2240 to 2342 (G) No. 4, from 4400 to 4639 (G)
No. 2, from 3875 to 3900 (G) No. 5, from _____ to _____
No. 3, from 3900 to 4480 (G) 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>10 3/4</u>	<u>32.79</u>	<u>8</u>	<u>Re.</u>	<u>162</u>	<u>Hoveo</u>				<u>Surface</u>
<u>7 5/8</u>	<u>26.4</u>	<u>6</u>	<u>Re.</u>	<u>2391</u>	<u>Baker</u>				<u>Prod. Cas.</u>
<u>5 1/2</u>	<u>15.7</u>	<u>2</u>	<u>Re.</u>	<u>2373</u>	<u>Baker</u>				<u>Prod. Liner</u>
<u>2</u>	<u>4.7</u>	<u>Re.</u>	<u>J-55</u>	<u>1460</u>	<u>Re.</u>				<u>Prod. Tub.</u>
<u>1 1/4</u>	<u>2.4</u>	<u>Re.</u>	<u>Grade A</u>	<u>2301</u>					<u>Siphon</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>174</u>	<u>200</u>	<u>Circulated</u>		
<u>7 5/8</u>	<u>2405</u>	<u>250</u>	<u>Single stage</u>		
<u>5 1/2</u>	<u>2340-4710</u>	<u>100</u>	<u>Single stage</u>	<u>300 sacks</u>	<u>Squeeze w/100 sacks.</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size Baker 500 Tucker 2374

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 2400 feet, and from 2400 feet to 4710 feet
Cable tools were used from _____ feet to 175 feet, and from _____ feet to _____ feet

DATES

_____ 19 54 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 1.0. 2,771,000 Gallons gasoline per 1,000 cu. ft. of gas 1.7. 4,929,000

Rock pressure, lbs. per sq. in. 1063 (SIPT) A.C.P. = 1.0. 2971 MCF/D
1.7. 3971

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	<u>1202</u>	<u>1202</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1202</u>	<u>1300</u>	<u>114</u>	<u>Cho Alamo ss. White cr-grn s.</u>
<u>1300</u>	<u>1343</u>	<u>947</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>1343</u>	<u>2240</u>	<u>305</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>2240</u>	<u>2342</u>	<u>94</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>2342</u>	<u>3075</u>	<u>1933</u>	<u>Lewis formation. Gry to white dense sh w/wilty to shaly ss breakd.</u>
<u>3075</u>	<u>3900</u>	<u>25</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>3900</u>	<u>4400</u>	<u>500</u>	<u>Menefee form. Gry, fine-grn s, carb sh & coal.</u>
<u>4400</u>	<u>4639</u>	<u>176</u>	<u>Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.</u>
<u>4639</u>	<u>4710</u>	<u>60</u>	<u>Mancos formation. Gry carb sh.</u>

— *Journal of the American Medical Association*

[illegible][illegible]

230429Z AUTO

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

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