

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079000
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Al Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract House 11 Field Wildcat State New Mexico
Well No. 2-H Sec 14 T. 30N R. 7W Meridian S. H. P. M. County Rio Arriba
Location 1350 ft. N. of 3 Line and 1650 ft. E. of 14 Line of Section 14 Elevation 6150
(Derrick floor relative to 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. ORIGINAL SIGNED E. J. COEL

Signed _____

Date September 26, 1952 Title Petroleum Engineer

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

Commenced drilling 4-10, 1952 Finished drilling 7-23, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2997 to 3062 (G) No. 4, from 5352 to 5490 (G)
No. 2, from 4002 to 4930 (G) No. 5, from _____ to _____
No. 3, from 4930 to 5352 (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>9-5/8</u>	<u>36</u>	<u>8</u>		<u>150</u>	<u>MCB</u>				<u>Surface</u>
<u>7</u>	<u>28</u>	<u>8</u>		<u>3097</u>	<u>MCB</u>				<u>Production</u>
<u>5-1/2</u>	<u>15.5</u>	<u>8</u>		<u>1780</u>	<u>MCB</u>				<u>Line</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>175</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>3165</u>	<u>125</u>	<u>Single stage</u>		
<u>5-1/2</u>	<u>4700</u>	<u>175</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>Quartz</u>	<u>Regular</u>	<u>S.M.O.</u>	<u>1600</u>	<u>7-25</u>	<u>4793-5489</u>	<u>5430</u>

TOOLS USED

Rotary tools were used from 0 feet to 4700 feet, and from Gas Circulation feet to 5490 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 15, 1952 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 5,535,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1133 psi

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>639</u>	<u>639</u>	<u>tan coarse-grained ss. w/thin shale breaks.</u>
<u>639</u>	<u>1586</u>	<u>887</u>	<u>Varieg. shales w/thin ss. breaks.</u>
<u>1586</u>	<u>1984</u>	<u>458</u>	<u>tan to gray coarse-gran. ss. interbedded w/gray shales.</u>
<u>1984</u>	<u>2110</u>	<u>126</u>	<u>Alamo 1984. White coarse-grained sand. T/CJO</u>
<u>2110</u>	<u>2713</u>	<u>603</u>	<u>Kirtland Fm. Gray shale interbedded w/tight, gray, fine-grained ss. T/Kirtland 2110.</u>
<u>2713</u>	<u>2997</u>	<u>284</u>	<u>Fruitland Fm. Gray carb. shales, scattered coals & gray, tight, fine-grained ss. T/Fruitland 2713.</u>
<u>2997</u>	<u>3062</u>	<u>65</u>	<u>Pictured Cliffs Fm. Gray, fine-grained, tight, varicolored soft ss. T/Pictured Cliffs 2997.</u>
<u>3062</u>	<u>4002</u>	<u>1740</u>	<u>Lewis Fm. Gray to white dense shale w/silty to shaly ss. breaks. T/Lewis 3062.</u>
<u>4002</u>	<u>4930</u>	<u>128</u>	<u>Cliff House Sh. Gray, fine-grained, dense sil. ss. T/Cliff House 4002.</u>
<u>4930</u>	<u>5352</u>	<u>422</u>	<u>Menefee Fm. Gray, fine-grained sands, carb. shales & coal. T/Menefee 4930.</u>
<u>5352</u>	<u>5490 T.D.</u>	<u>138</u>	<u>Point Lockout Fm. Gray, very fine sil. ss. w/ frequent shale breaks. T/Point Lockout 5352.</u>