

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079521
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Corapany El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 28-5 Unit Field Basin Dakota State New Mexico
Well No. 56 Sec. 32 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 800 ft. N of S Line and 1650 ft. E of W Line of Section 32 Elevation 6614
(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 _____ Title Petroleum Engineer
Date December 21, 1962

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

Commenced drilling 9-8-, 19 62 Finished drilling 10-3-, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7525 to 7582 (G) No. 4, from _____ to _____
No. 2, from 7582 to 7730 (G) 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>10 3/4 32</u>		<u>8 rd</u>	<u>H-40</u>	<u>309</u>	<u>HOWCO</u>				<u>Surface</u>
<u>4 1/2 11.6, 10.5</u>		<u>8 rd</u>	<u>J-55</u>	<u>7880</u>	<u>Baker</u>				<u>Prod casing</u>
<u>2 3/8 4.7</u>		<u>8 rd</u>	<u>J-55</u>	<u>7805</u>					<u>Prod tubing</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>319</u>	<u>210</u>	<u>circulated</u>		
<u>4 1/2</u>	<u>7888</u>	<u>605</u>	<u>3 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>Perf 7804</u>	<u>10 (4 SPF); 7720-32; (2 SPF);</u>	<u>Frac w/79,338 gallons water, 75,000# sand.</u>				
<u>Flush w/5710</u>	<u>gallons water. IR 44 BPM. Max pr 4000#, BDP 2500#, tr pr 2750-3000#.</u>					

TOOLS USED

Rotary tools were used from 0 feet to 7888 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-6-, 19 62 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 3,467,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1836 tbg. A.O.F. 10,886 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2716</u>	<u>2716</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2716</u>	<u>2890</u>	<u>174</u>	<u>Ojo Alamo ss. White cr-grn ss.</u>
<u>2890</u>	<u>3150</u>	<u>260</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>3150</u>	<u>3415</u>	<u>265</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>3415</u>	<u>3490</u>	<u>75</u>	<u>Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3490</u>	<u>5085</u>	<u>1595</u>	<u>Lewis form. Gry, fine-grn, dense sil ss.</u>
<u>5085</u>	<u>5270</u>	<u>185</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>5270</u>	<u>5607</u>	<u>337</u>	<u>Menefee form. Gry, fine-grn s, carb sh & coal.</u>
<u>5607</u>	<u>5750</u>	<u>143</u>	<u>Point Lookout form. Gry, very fine sil ss /wfreq sh breaks.</u>
<u>5750</u>	<u>6594</u>	<u>844</u>	<u>Mancos form. Gry carb sh.</u>
<u>6594</u>	<u>7525</u>	<u>931</u>	<u>Gallup form. Lt gry to brn calc carb micac glauc very fine gry ss w/irreg interbed sh.</u>
<u>7525</u>	<u>7582</u>	<u>57</u>	<u>Greenhorn form. Highly calc gry sh w/thin lmst.</u>
<u>7582</u>	<u>7730</u>	<u>148</u>	<u>Graneros form. Dk gry shale, fossil & carb with prite incl.</u>
<u>7730</u>	<u>7888</u>	<u>158</u>	<u>Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & sh breaks.</u>

FORMATION RECORD—Continued

[illegible]

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

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