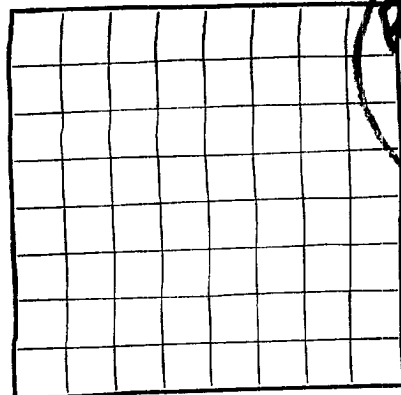
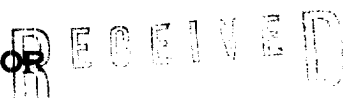




LOCATE WELL CORRECTLY.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079365-A
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 Rincon Unit Field Basin Dakota State New Mexico
Well No. 173 Sec. 23 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 790 ft. N. of 8 Line and 1190 ft. E. of W Line of Section 23 Elevation 6580
(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. Original Signed D. W. Meehan
Signed _____Date August 14, 1962 Title Petroleum Engineer

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

Commenced drilling 6-18, 19 62 Finished drilling 7-9, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7414 to 7535 (G) No. 4, from _____ to _____
No. 2, from 7535 to 7733 (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>9 5/8</u>	<u>32.3</u>	<u>8</u>	<u>J-55</u>	<u>7619</u>	<u>Blaker</u>	<u>Surface</u>			<u>Surface</u>
<u>4 1/2</u>	<u>10.5</u>	<u>8</u>	<u>J-55</u>	<u>7619</u>	<u>Blaker</u>	<u>Prod. Casing</u>			<u>Prod. Casing</u>
<u>2 3/8</u>	<u>4.7</u>	<u>8</u>	<u>J-55</u>	<u>7619</u>	<u>Blaker</u>	<u>Prod. Tubing</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>9 5/8</u>	<u>299</u>	<u>210</u>	<u>Circulated</u>		
<u>4 1/2</u>	<u>7733</u>	<u>570</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. 7448-52, 7472-76, 7535-39 w/3 HFP, 7570-76, 7626-32 w/2 HFP frac w/83,000 gal. water, 80,000# sand, flushed w/5000 gallons. I.R. 38.9 HPM, Max. pr. 4400#, HNP 1300#, tr. pr. 3500-3700#. Dropped 4 sets of 12 balls.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 7733 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 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 5700 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2530 (Gas.)

EMPLOYEES

_____, Driller _____, Driller
Great Western Drilling Co., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2500</u>	<u>2500</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2500</u>	<u>2732</u>	<u>232</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2732</u>	<u>3047</u>	<u>315</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine grn ss.</u>
<u>3047</u>	<u>3235</u>	<u>188</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>3235</u>	<u>3305</u>	<u>70</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3305</u>	<u>4583</u>	<u>1278</u>	<u>Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.</u>
<u>4583</u>	<u>5021</u>	<u>438</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>5021</u>	<u>5426</u>	<u>405</u>	<u>Mesaero form. Gry, fine-grn s, carb sh & coal.</u>
<u>5426</u>	<u>5583</u>	<u>157</u>	<u>Point lookout form. Gry, very fine sil ss w/frequent sh breaks.</u>
<u>5583</u>	<u>6424</u>	<u>841</u>	<u>Mancos formation. Gry carb sh.</u>
<u>6424</u>	<u>7353</u>	<u>929</u>	<u>Gallup form. Lt gry to brn calc carb micac glance very fine gry ss w/irreg. interbed sh.</u>
<u>7353</u>	<u>7414</u>	<u>61</u>	<u>Greenhorn form. Highly calc gry sh w/thin lmst.</u>
<u>7414</u>	<u>7535</u>	<u>121</u>	<u>Graneros form. Dk gry shale, fossil & carb w/pyrite incl.</u>
<u>7535</u>	<u>7733</u>	<u>198</u>	<u>Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.</u>