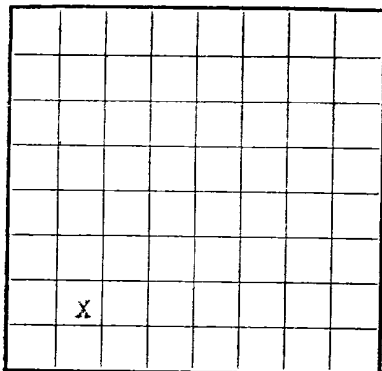




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 078972

LEASE OR PERMIT TO PROSPECT

RECEIVED

NOV 5 1959

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blanco & South State New Mexico
Well No. 106-X (PM Sec. 10 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 800 ft. N. of 3 Line and 1150 ft. E. of 4 Line of Section 10 Elevation 6698
xxxx xxxx (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 H. E. McANULTYDate October 30, 1959Title Petroleum Engineer

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

Commenced drilling 8-12, 1959 Finished drilling 8-29, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3205 to 3350 (G) No. 4, from 5462 to 5605 (G)
No. 2, from 4935 to 4985 (G) No. 5, from to
No. 3, from 4985 to 5462 (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>32.75</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>161</u>	<u>Reynolds</u>	<u> </u>	<u> </u>	<u> </u>	<u>Surface</u>
<u>7 5/8</u>	<u>25.4</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>3508</u>	<u>Baker</u>	<u> </u>	<u> </u>	<u> </u>	<u>Prod. Csg.</u>
<u>5 1/2</u>	<u>15.5</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>2299</u>	<u>Baker</u>	<u> </u>	<u> </u>	<u> </u>	<u>Prod. Liner</u>
<u>2</u>	<u>4.7</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>5481</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>prod. tbg.</u>
<u>1 1/4</u>	<u>2.4</u>	<u>10 Rd.</u>	<u>Grade A</u>	<u>3258</u>	<u> </u>	<u> </u>	<u> </u>	<u> </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>173</u>	<u>102</u>	<u>Circulated</u>	<u> </u>	<u> </u>
<u>7 5/8</u>	<u>3420</u>	<u>150</u>	<u>Single Stage</u>	<u> </u>	<u> </u>
<u>5 1/2</u>	<u>3359-5658</u>	<u>470</u>	<u>Single Stage & Sq.</u>	<u> </u>	<u> </u>

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set Adapters—Material Size Guiberson "AG" Packer at 4650'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing 9-13, 1959

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 PC-1,405,000 Gallons gasoline per 1,000 cu. ft. of gas
MV-2,501,000

Rock pressure, lbs. per sq. in. PC-1003; MV-1049 A.O.F. = PC 1423; MV 2839 MCF/D

EMPLOYEES

 , Driller , Driller
 , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2375</u>	<u>2375</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2375</u>	<u>2533</u>	<u>158</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2533</u>	<u>2965</u>	<u>432</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2965</u>	<u>3205</u>	<u>240</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>3205</u>	<u>3350</u>	<u>145</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3350</u>	<u>4935</u>	<u>1585</u>	<u>Lewis formation. Gry to white dense sh w/silty t to shaly ss breaks.</u>
<u>4935</u>	<u>4985</u>	<u>50</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>4985</u>	<u>5462</u>	<u>477</u>	<u>Mensfee form. Gry, fine-grn s, carb sh & coal.</u>
<u>5462</u>	<u>5605</u>	<u>143</u>	<u>Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.</u>
<u>5605</u>	<u>5664</u>	<u>59</u>	<u>Mancos formation. Gry carb sh.</u>

