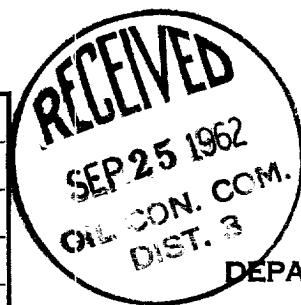


U. S. LAND OFFICE Santa FeSERIAL NUMBER 070677

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
SEP 24 1962U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Canyon Largo Unit Field Devils Fork Gallaga State New Mexico
Well No. 118 Sec. 8 T. 24N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1090 ft. ^[N.] of 8 Line and 800 ft. ^[E.] of W Line of Section 8 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.

Signed ORIGINAL SIGNED H.E. McANALLYDate XXXX September 24, 1962Title Petroleum Engineer

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

Commenced drilling 7-3-, 19 62 Finished drilling 7-15-, 19 62OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5380 to 5585 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ 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>21.3</u>	<u>8-11</u>	<u>J-55</u>	<u>304</u>	<u>Baker</u>	<u>1483</u>			<u>Surface casing</u>
<u>4 1/2"</u>	<u>10.5</u>	<u>8-9</u>	<u>J-55</u>	<u>585</u>	<u>Baker</u>	<u>1638</u>			<u>Flow casing</u>
<u>2 3/8"</u>	<u>4.7</u>	<u>8-9</u>	<u>J-55</u>	<u>5585</u>	<u>Baker</u>	<u>5585</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>319</u>	<u>400</u>	<u>circulated</u>		
<u>4 1/2"</u>	<u>5666</u>	<u>240</u>	<u>single</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>Perr 544-48, 546-64 (3 spf); 557-80 (2 spf)</u>						
<u>Frac w/105,000 gallons water, 100,000# sand.</u>						
<u>ESP 1500#, max pr 3100#, tr pr 2400-2500-2700#. Flush w/3700 gallons water. I.R. 22 BPM.</u>						
<u>2 drops of 12 balls</u>						

TOOLS USED

Rotary tools were used from 0 feet to 5585 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 _____
7-27-

The production for the first 24 hours was 174 barrels of fluid of which 94 % was oil; — %
emulsion; 6 % water; and — % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1483</u>	<u>1483</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1483</u>	<u>1638</u>	<u>155</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>1638</u>	<u>1893</u>	<u>200</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fl:</u>
<u>1893</u>	<u>2093</u>	<u>200</u>	<u>grn ss.</u>
<u>2093</u>	<u>2253</u>	<u>160</u>	<u>Fruitland form. Gry carb sh, scattered coals,</u>
<u>2253</u>	<u>3628</u>	<u>1375</u>	<u>coals and gry, tight, fine-grn ss.</u>
<u>3628</u>	<u>3708</u>	<u>80</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight,</u>
<u>3708</u>	<u>4390</u>	<u>682</u>	<u>varicolored soft ss.</u>
<u>4390</u>	<u>4540</u>	<u>150</u>	<u>Lewis form. Gry, fine-grn, dense sil ss</u>
<u>4540</u>	<u>5380</u>	<u>840</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>5380</u>	<u>5585</u>	<u>205</u>	<u>Mamee form. Gry, fine-grn s, carb sh & coal.</u>
			<u>Point Lookout form. Gry, very fine sil ss</u>
			<u>w/frequent sh breaks.</u>
			<u>Mamee form. Gry carb sh.</u>
			<u>Gallup form. Lt gry to brn calc carb micac</u>
			<u>glauco very fine gry ss w/irreg interbed sh.</u>

