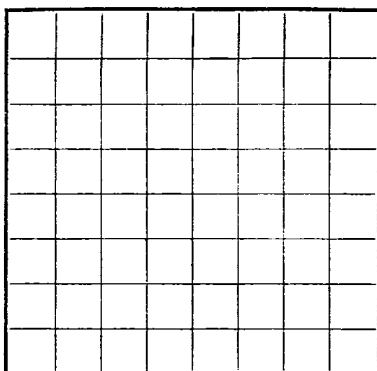
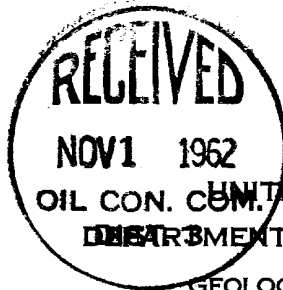




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079366**
LEASE OR PERMIT TO PROSPECT**RECEIVED**
OCT 31 1962U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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. **170** Sec. **20** T. **27N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **990** ft. **N.** of **S** Line and **790** ft. **E.** of **W** Line of **Section 20** Elevation **6523**
(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. McANALLY**Date **October 29, 1962** Title **Petroleum Engineer**

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

Commenced drilling **7-27-**, 19 **62** Finished drilling **8-14**, 19 **62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7243** to **7370 (G)** No. 4, from _____ to _____
No. 2, from **7370** to **7561 (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--	
9 5/8"	32.3	8 x 8	H-40	318	Baker				Surface
4 1/2"	11.6, 10.5	8 rd	J-55	7550	Baker				Prod. casing
2 3/8"	4.7	8 rd	J-55	7468	Baker				Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	326	210	circulated		
4 1/2"	7561	585	3 stages		

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
7 1/2"	7454-60; 7408-18 (2 SFF); 7296-7300; 7282-86 (3 SFF);	Free w/50,960 gallons water,				
60,000# sand. Flush w/5720 gallons water. I.R. 22.3 BPM. Max pr 4600#, BDP 2300#, tr pr 3650-3850#. 3 drops of 12 balls.						

TOOLS USED

Rotary tools were used from **0** feet to **7561** feet, and from _____ feet to _____ feet

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

DATES

9-25, 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 **1,927,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **1,917-avg.** **A.O.F. 2179 MCF/D**

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2403	2403	Tan to gry cr-grn ss interbedded w/gry sh.
2403	2479	76	Ojo Alamo ss. White cr-grn s.
2479	2802	323	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2802	3028	226	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3028	3110	82	Pictured Cliffs forms. Gry, fine-grn, tight, vari colored soft ss.
3110	4710	1600	Lewis form. Gry, fine-grn, dense sil ss.
4710	4816	106	Cliff House ss. Gry, fine-grn, dense sil ss.
4816	5274	458	Manatee form. Gry, fine-grn s, carb sh & coal.
5274	5417	143	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
5417	6319	143	Mancos form. Gry carb sh.
6319	7181	862	Gallup form. Lt gry to brn calc carb micac glauco very fine-gry ss w/irreg interbed sh.
7181	7243	62	Greenhorn form. Highly calc gry sh w/thin lnt.
7243	7370	127	Graneros form. Bk gry shale, fossil & carb w/prite incl.
7370	7561	191	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & sh breaks.

(OVER)

16-43004-5

