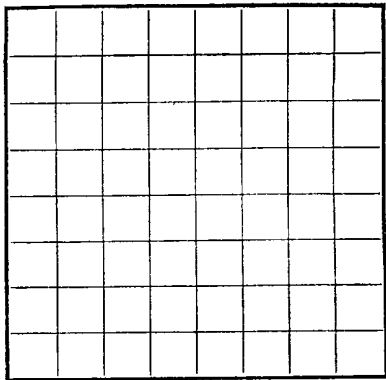
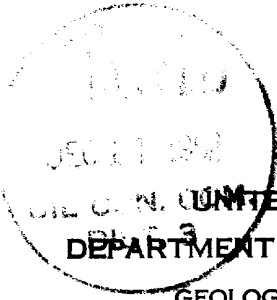
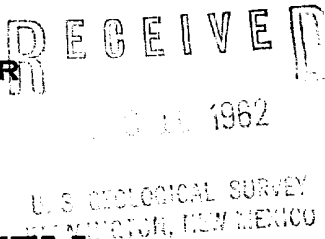




LOCATE WELL CORRECTLY



U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **03862**
LEASE OR PERMIT TO PROSPECT



LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **San Juan 28-4 Unit** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **28** Sec. **19** T. **28N** R. **4W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1540** ft. **XX** of **N** Line and **1180** ft. **XX** of **E** Line of **Section 19** Elevation **7275**
(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.

Date **December 7, 1962** Signed **ORIGINAL SIGNED H.E. McANALLY** Title **Petroleum Engineer**

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

Commenced drilling **9-11-**, 19**62** Finished drilling **10-4-**, 19**62**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **6040** to **6100 (G)** No. 4, from to
No. 2, from **6100** to **6409 (G)** No. 5, from to
No. 3, from **6409** to **6601 (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—	
10 3/4"	32.75	8 rd	H-40	124	WACO				Surface
7 5/8"	26.40	8 rd	J-55	4440	Baker				Intermediate
5 1/2"	15.5	8 rd	J-55	2300	Baker				Liner
2 3/8"	4.7	8 rd	J-55	6573	Baker				Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	136	100	circulated		
7 5/8"	4451	185	single		
5 1/2"	4333-6633	175	single		

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
Perf 6530-36; 6512-18; 6452-58; 6420-26; 6402-08 (2 SPP); Frac w/70,200 gallons water, 75,000# sand. Flush w/3520 gallons water. IR 34 BPM. Max pr 3500#, BDP 1700#, tr pr 800-2600#. 4 drops of 12 balls.						

TOOLS USED

Rotary tools were used from **0** feet to **6633** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

December 7, 1962, 19 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 **4,336,000** Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. **csq. 1174** **A.O.F. 6517**

EMPLOYEES

Driller Driller
Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	6040	6040	Tan to gry g cr-grn ss interbedded w/gry sh.
6040	6100	60	Cliff House ss. Gry fine-grn, dense silt ss
6100	6409	309	Menefee form. Gry, fine-grn s, carb sh & coal.
6409	6601	192	Point Lookout form. Gry very fine silt ss w/frequent sh breaks.
6601	6633	32	Mancos form. Gry carb sh.

