



U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079391**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **San Juan 27-5** Field **Tapacito P. C.** State **New Mexico**
Well No. **77** Sec. **8** T. **27N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **930** ft. **N** of **S** Line and **1650** ft. **EX** of **E** Line of **Sec. 8** Elevation **6677**
EX (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 **July 9, 1962** Title **Petroleum Engineer**

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

Commenced drilling **5-28-**, 19 **62** Finished drilling **6-7-62**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3458** to **3530 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—	
8 5/8"	24	8 rd	J-55	125	HONCO				Surface
2 7/8"	6.4	8 rd	J-55	3575	Baker				Prod casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	134	130	circulated		
2 7/8"	3585	180	single stage		

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
3475-81; 3494-3500 (2 BPF)		Frac w/42,000 gallons water, 36,000# sand.				Flush w/1638 gal.
I.R. 17 BPF. Max pr 3600#, EDP 2700-1000#. Tr pr 2800-3000-3600#. Dropped 1 set of 12 balls.						

TOOLS USED

Rotary tools were used from **0** feet to **3591** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6-26-, 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 **2,786,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **997 csg.** **A.O.F. 3029 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2845	2845	Tan to gry cr-grn ss interbedded w/gry sh.
2845	2967	122	Ojo Alamo ss. White cr-grn s.
2967	3207	240	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3207	3458	251	Fruitland form. Gry cmrb sh, scattered coals, coals and gry, tight. fine-grn ss.
3458	3530	72	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.
3530	3591	61	Lewis form. Gry, fine-grn, dense sll ss.