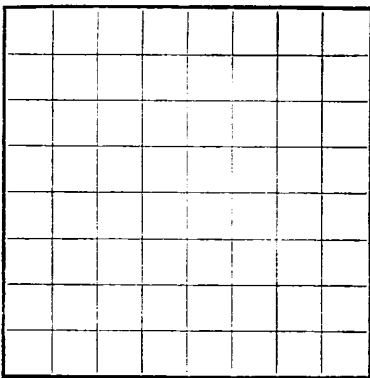
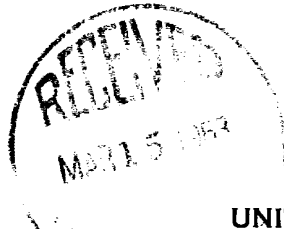




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079937**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **Turner Hughes** Field **Blanco M. V.** State **New Mexico**
Well No. **13** Sec. **11** T**27N** R**9W** Meridian **N.M.P.M.** County **San Juan**
Location **1640** ft. **XX** of **N** Line and **1450** ft. **XX** of **E** Line of **Section 11** Elevation **6028**
(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 E. S. OBERLY**Date **March 13, 1963** Title **Petroleum Engineer**

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

Commenced drilling **12-16-**, 19**62** Finished drilling **12-27-**, 19**62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3723** to **3793 (G)** No. 4, from _____ to _____
No. 2, from **3793** to **4362 (G)** No. 5, from _____ to _____
No. 3, from **4362** to **4556 (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—	
9 5/8"	40	8 rd	J-55	120	HAWCO				Surface
7"	20	8 rd	J-55	1081	Baker				Prod casing
5 1/2"	15.5	8 rd	J-55	986	Baker				Prod liner
2 3/8"	4.6	8 rd	J-55	4450					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"	132	110	circulated		
7"	4291	391	single stage		
5 1/2"	4562	75	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
Perf 4372-78(2 SFF); 4388-4400(1 SFF); 4430-36(2 SFF); 4448-54(2 SFF); 4494-4500(2 SFF); Free w/70,330 gallons water, 70,000# 20/40 sand, BDP 2150#, avg. tr pr 2300#, IR 37.5 BPM IBIP 700#, 5 min 50#. Dropped 3 sets of 12 balls each.						

TOOLS USED

Rotary tools were used from **0** feet to **4562** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

2-27- **63**, 19**63** 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 **4,303,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **1086** **A.O.F. 7857 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1146	1146	
1146	1269	123	Ojo Alamo
1269	1394	625	Kirtland
1394	2113	219	Fruitland
2113	2192	79	Pictured Cliffs
2192	3723	1531	Lewis
3723	3793	70	Cliff House
3793	4362	569	Manefee
4362	4556	194	Point Lookout
4556	4562	6	Mancos

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 7-55005-01