

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **078640**

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 28-7 Unit** Field **Basin Dakota** State **New Mexico**  
Well No. **132** Sec. **15** T **27-N** R. **7-W** Meridian **N.M.P.M.** County **Rio Arriba**  
Location **1650** ft. **N.** of **S** Line and **1550** ft. **E.** of **W** Line of **Section 15** Elevation **6657**  
(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 **E. S. OBERLY**

Signed

Date **March 13, 1963**Title **Petroleum Engineer**

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

Commenced drilling **11-28-62**, 19 **62** Finished drilling **12-15-**, 19 **62**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7376** to **7500 (G)** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **7500** to **7583 (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"	40	8 rd	J-55	296	HMC				Surface
4 1/2"	10.5, 11.6	8 rd	J-55	7571	Baker				Prod. casing
2 3/8"	4.7	8 rd	J-55	7491					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"	309	210	circulated		
4 1/2"	7583	564	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
Perf 7418-30 (1 SPT); 7496-7500 (3 SPT); 7530-42 (1 SPT); 7562-66 (3 SPT); Frac w/ 75,100 gallons water, 72,000# sand. Flush 5100 gallons water. IR 35 BPM. Max 4000# BDP 1600#, tr pr 3500-3800-4000# 3 drops of 12 balls.						

## TOOLS USED

Rotary tools were used from **0** feet to **7583** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**2-27-**, 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 **3,609,000** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. **2410** A.O.F. **1464 MCF/D**

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2292	2292	
2292	2499	207	Ojo Alamo
2499	2899	400	Kirtland
2899	3146	247	Fruitland
3146	3229	83	Pictured Cliffs
3229	4862	1633	Lewis
4862	4944	82	Cliff House
4944	5415	471	Menefee
5415	5538	123	Point Lookout
5538	6463	925	Mancos
6463	7328	865	Gallup
7328	7376	48	Greenhorn
7376	7500	124	Graneros
7500	7583	183	Dakota