

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

El Paso Natural Gas Company (Company or Operator) Rosa Unit (Lease)  
Well No. 24, in SW 1/4 of SW 1/4, of Sec. 32, T. 31N, R. 5W, NMPM.  
Wildcat Pool, San Juan County.  
Well is 990 feet from South line and 990 feet from West line  
of Section 32. If State Land the Oil and Gas Lease No. is R-347-21  
Drilling Commenced 12-10-56, 19. Drilling was Completed 12-30-56, 19.  
Name of Drilling Contractor Company Tools  
Address  
Elevation above sea level at Top of Tubing Head 6518'. The information given is to be kept confidential until 19.

### OIL SANDS OR ZONES

No. 1, from 3340 to 3722 (G) No. 4, from 5813 to 5923 (G)  
No. 2, from 5510 to 5577 (G) No. 5, from to  
No. 3, from 5577 to 5813 (G) No. 6, from to

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

### CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"	32.75#	New	161'	Howco			Surface
7 5/8"	26.4	New	3733'	Baker			Intermediate
5 1/2"	15.5	New	5939'	Baker			Prod. Csg.
2"	4.7	New	5866'				Prod. Tbg.

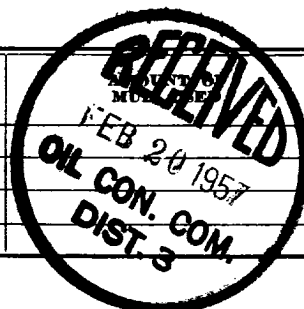
### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY
15"	10 3/4"	174'	150	Circulated	
9 7/8"	7 5/8"	3745'	400	Single Stage	
6 3/4"	5 1/2"	5949'	300	Single Stage	

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

1-2-57 C.O.T.D. 5885'. Perf. w/4 jet/ft. Int. 5510-18, 5536-48, 5558-68, 5654-66, 5716-32, 5764-5776, 5816-28, 5862-74. Water fraced Mesa Verde w/64,428 gal. water & 75,000# sand. Flushed w/6000 gal. water. I.R. 11.9 BPM. BDP none, Tr. pr. 2100# & 3000#. Max. pr. 2250# & 3300#. Fraced w/37,500# sand. Inj. 185 rubber balls & cont. frac w/37,500# sand.  
1-5-57 T.D. 5952'. Temp. B.P. 5610'. Water fraced Point Lookout 5716-32, 5764-76, 5816-78, 5862-74 w/22,890 gal. water & 7500# sand. BDP 1100#, max. pr. 3900#, tr. pr. 2100#. I.R. 11 BPM. Flush 2100 gal. Natural gase 19 MCF/D. Spotted 500 gal. acid before frac. After frac 699 MCF/D.  
Result of Production Stimulation A.O.F. = 2,633 MCF/D, Ch. Volume = 2,356 MCF/D.



Depth Cleaned Out 5903'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Gas Drilled

Rotary tools were used from 0 feet to 3747 feet, and from 3747 feet to 5952 feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Completed 1-8-57, 19.

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity.

GAS WELL: The production during the first 24 hours was 2,633 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 1195 lbs. Ch. Volume = 2,356 MCF/D.  
Length of Time Shut in 31 days.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Devonian	T. Ojo Alamo	2620
T. Salt	T. Silurian	T. Kirtland	2752
B. Salt	T. Montoya	T. Fruitland	3191
T. Yates	T. Simpson	T. Pictured Cliffs	3340
T. 7 Rivers	T. McKee	T. Menefee	5577
T. Queen	T. Ellenburger	T. Point Lookout	5813
T. Grayburg	T. Gr. Wash	T. Mancos	5923
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T. Lewis	3722
T. Abo	T.	T. Cliff House	5510
T. Penn	T.	T.	
T. Miss	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2620	2620	Ten to gry cr-grn ss interbedded w/gry sh.				
2620	2752	132	Ojo Alamo ss. White cr-grn s.				
2752	3191	439	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
3191	3340	149	Fruitland form. Gry carb sh, scattered coals & gry, tight, fine-grn ss.				
3340	3722	382	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
3722	5510	1788	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
5510	5577	67	Cliff House ss. Gry, fine-grn, dense sil ss.				
5577	5813	236	Menefee form. Gry, fine-grn s, carb sh & coal.				
5813	5923	110	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
5923	5952	29	Mancos formation. Gry carb sh.				

OIL CONSERVATION COMMISSION			
AZTEC DISTRICT OFFICE			
No. Copies	Received	6	
DISTRIBUTION			
Operator		7	
Santa Fe		1	
Formation Office			
State Land Office		1	
U. S. G. S.		2	
Transporter			
File		1	✓

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

February 15, 1957

(Date)

Company or Operator El Paso Natural Gas Company

Address Box 997, Farmington, N.M.

Name

Position or Title Petroleum Engineer