

Santa Fe, New Mexico

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

San Juan 27-4 Unit

(Company or Operator)

(Lease)

Well No. 23 (FM) in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 19, T. 27N, R. 4W, NMPM.

Blanco Mesa Verde & Tapacito P.C. Pool. Rio Arriba County.

1090 feet from South line and 990 feet from West line

of Section 19 If State Land the Oil and Gas Lease No. is

Drilling Commenced.....10-31....., 19 59 Drilling was Completed.....11-16....., 19 59

Name of Drilling Contractor..... San Juan Drilling Company

Address.....

Elevation above sea level at Top of Tubing Head.....6642'..... The information given is to be kept confidential until

..... 19

OIL SANDS OR ZONES

No. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5861 (G)

No. 2 from 5261 to 5305 (G) No. 5, from.....to.....

No. 3, from 5305 to 5647 (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. 11-12-1960

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	3659	Baker			Prod. Csg.
5 1/2"	15.5	New	2313	Baker			Prod. Liner
2 3/8"	4.7	New	5710				Prod. Tbg.
1 1/4"	2.4	New	3468				Prod. Tbg.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10 3/4"	172'	180	Circulated		
9 5/8"	7 5/8"	3670'	110	Single Stage		
6 3/4"	5 1/2"	3602-5915	370	Single Stage		

RECORD OF PRODUCTION AND STIMULATION

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

11-19-59 T.D. 5920'. C.O.T.D. 5871'. Fraced Point Lookout perf. int. 5654-64; 5672-80; 5694-5704;
5736-46; 5770-68; 5786-5800 (2 DJ/ft) w/72,988 gal. water & 60,000# sand. BDP 1600#, max. pr.
1700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BPM. Flush 10,000 gal. water. Injected
5 sets/17 balls. Set temporary bridge plug at 5000'.
Fraced Pictured Cliffs perf. int. 3540-50; 3560-70 (2 DJ/ft) w/28,400 gal. water & 20,000# sand
BDP 2200#, max. pr. 2200#, avg. tr. pr. 1000#. I.R. 32 BPM. Flush 8400 gal. water. Injected
1 set/20 balls.

Result of Production Stimulation.....

A.O.F. = P.C. 1285; M.V. 2616 MCF/D; Ch. Volume = P.C. 1270; M.V. 2359 mcf/D

Depth Cleaned Out.....5871

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 3673' feet, and from 3673' feet to 5920' feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Completed 11-24-59

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

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in P.C. 17 Days; M.V. 7 Days Ch. Volume + P.C. 1270; M.V. 2359 MCF/D

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	2710
T. Salt	T. Silurian	T. Kirtland	3110
B. Salt	T. Montoya	T. Fruitland	3290
T. Yates	T. Simpson	T. Pictured Cliffs	3507
T. 7 Rivers	T. McKee	T. Menefee	5305
T. Queen	T. Ellenburger	T. Point Lookout	5647
T. Grayburg	T. Gr. Wash.	T. Mancos	5861
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs	T.	T. Lewis	3615
T. Abo	T.	T. Cliff House	5261
T. Penn.	T.	T.	
T. Miss.	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2710	2710	Tan to gry cr-grn ss interbedded w/gry sh.				
2710	3110	400	Ojo Alamo ss. White cr-grn s.				
3110	3290	180	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
3290	3507	217	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.				
3507	3615	108	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
3615	5261	1646	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
5261	5305	44	Cliff House ss. Gry, fine-grn, dense sil ss.				
5305	5647	342	Menefee form. Gry, fine-grn s, carb sh & coal.				
5647	5861	214	Point Lookout form. Gry, very fine, sil ss w/frequent sh. breaks.				
5861	5920	59	Mancos formation. Gry carb sh.				

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.

January 8, 1960

Company or Operator. El Paso Natural Gas Company

Address. Box 997, Farmington, New Mexico

Name. ORIGINAL SIGNED H.E. McANALLY

Position. Title. Petroleum Engineer