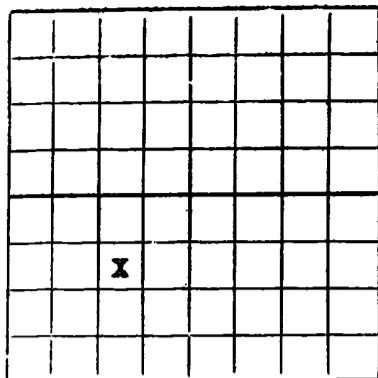


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

El Paso Natural Gas Company (Company or Operator) San Juan 27-5 Unit (Lease)
Well No. 41 (PM), in NE ¼ of SW ¼, of Sec. 21, T. 27N, R. 5W, NMPM.
Blanco M.V. & Wildcat P.C. Pool, Rio Arriba County.
Well is 1650 feet from South line and 1650 feet from West line of Section 21. If State Land the Oil and Gas Lease No. is None.
Drilling Commenced Feb. 19, 1959. Drilling was Completed March 3, 1959.
Name of Drilling Contractor San Juan Drilling Company
Address _____
Elevation above sea level at Top of Tubing Head 6503'. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 3290 to 3360 (G) No. 4, from 5455 to 5585 (G)
No. 2, from 4923 to 5052 (G) No. 5, from _____ to _____
No. 3, from 5052 to 5455 (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"	36#	New	161'	Howe			Surface
7 5/8"	26.40#	New	3465'	Baker			Prod. casing
5 1/2"	15.50#	New	2266'	Baker			Prod. Liner
2"	4.7#	New	5453'				Prod. tubing
1 1/4"	2.4#	New	3331'				Siphon

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'	150	Circulated		
9 7/8"	7 5/8"	3475'	170	Single Stage		
6 3/4"	5 1/2"	3400-5666'	305	Single Stage		

RECORD OF PRODUCTION AND STIMULATION

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

3-6-59 TD 5671'. COTD 5622'. Fraced Point Leakout perf. int. 5450-60; 5470-80; 5500-10; 5536-46 (4 SFF) w/72,172 gal. water & 60,000# sand. BDP 2100#, max. pr. 2100#, avg. tr. pr. 1400#. I.R. 88.3 BPM. Flush 8862 gal. water. Could not breakdown w/3500#. Spotted 200 gal. BDA & broke down easily. Used 112 rubber balls. Set temp. B.P. @ 5300'. Fraced Pictured Cliffs perf. int. 3290-3300 (2 SFF); 3320-26 (4 SFF); 3335-45 (2 SFF) w/30,366 gal. water & 40,000# sand. BDP 1400#, avg tr. pr. 800#. I.R. 85.8 BPM. Flush 7644 gallons. Used 26 rubber balls.

Result of Production Stimulation A.O.F. - P.C. 2218; M.V. - 1848 MCF/D; Ch. Vel. - P.C. 2156; M.V. 1734 MCF/D

Depth Cleaned Out 5622'

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 3476 feet, and from 3476 feet to 5671 feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

~~Production~~ **Completed** 3-12- 1959

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 _____ M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure P.C. 2218 lbs. M.V. 1848
P.C. 1019 M.V. 1025 Ch. Vol. --- P.C. 2156 M.V. 1734 MCF/D

Length of Time Shut in P.C. 18 days; M.V. 7 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.....	<u>2650</u>
T. Salt.....	T. Silurian.....	T. Kirtland.....	<u>2828</u>
B. Salt.....	T. Montoya.....	T. Fruit.....	<u>3060</u>
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	<u>3290</u>
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	<u>5052</u>
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	<u>5455</u>
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	<u>5585</u>
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs.....	T.	T. Lewis	<u>3360</u>
T. Abo.....	T.	T. C.H.	<u>4923</u>
T. Penn.....	T.	T.	
T. Miss.....	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2650	2650	Tan to gry cr-grn ss interbedded w/gry sh.				
2650	<u>2828</u>	178	Ojo Alamo ss. White cr-grn s.				
2828	<u>3060</u>	232	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
3060	<u>3290</u>	230	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.				
3290	<u>3360</u>	70	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
3360	<u>4923</u>	1563	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
4923	<u>5052</u>	129	Cliff House ss. Gry, fine-grn, dense sil ss.				
5052	<u>5455</u>	403	Menefee form. Gry, fine-grn s, carb sh & coal.				
5455	<u>5585</u>	130	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
5585	<u>5671</u>	86	Mancos formation. Gry carb sh.				

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 6

DISTRIBUTION

	NO. FURNISHED
Operator	<u>1</u>
Santa Fe	<u>1</u>
Formation Office	
State Land Office	<u>1</u>
U. S. G. S.	<u>2</u>
Transporter	<u>1</u>
File	<u>1</u>

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.

April 10, 1959
(Date)

Company or Operator El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Name Original Signed G. D. COX Position Petroleum Engineer