

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

El Paso Natural Gas Company
(Company or Operator)

Huerfano Unit
.....
(Less)

Well No. 109(GD), in NE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 2, T. 26N, R. 10W NMPM.

Angel Peak Gallup Ext. & Wildcat Dakota Pool San Juan County

Well is 1650 feet from South line and 990 feet from East line

of Section 2 If State Land the Oil and Gas Lease No. is E-2942-2

Drilling Commenced.....5-18.....1959.....Drilling was Completed.....6-25.....1959

Name of Drilling Contractor..... San Juan Drilling Co. and Evitt Drilling Co......

Address.....

Elevation above sea level at Top of Tubing Head.....6660..... The information given is to be kept confidential until
..... 19.....

No. 1, from.....	2320	to.....	2420 (G)	No. 4, from.....	4746	to.....	4934 (G)
No. 2, from.....	3855	to.....	3946 (G)	No. 5, from.....	5813	to.....	6352 (G)
No. 3, from.....	3946	to.....	4746 (G)	No. 6, from.....	6805	to.....	7011 (G)

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.

RECEIVED
OCT 19 1959
OIL CON. COM.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"	32.75	New	322	Howco			Surface
7"	26.4	New	6868	Baker			Prod. Csg.
5 1/2"	17	New	715	Baker			Prod. Liner
2"	4.7	New	6899				Prod. Tbg.
2"	4.7	New	6067				Prod. Tbg.

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10 3/4"	333	203	Circulated		
9 7/8"	7 5/8"	6380	1394	Two Stages		
6 3/4"	5 1/2"	6307-7022	110	Single Stage		

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)
7-31-59 T.D. 7025'. C.O.T.D. 6936'. Fraced Dakota perf. int. 6848-58; 6863-67; 6877-87; 6891-96;
6917-22 w/77,280 gal. water, 50,000# sand. I.R. 76 BPM. Flush 14,290 gal. Used 300 gal BDA
ahead of frac. Injected 4 sets 20 balls.
8-2-59 Temp BP @ 6300'. Fraced Lower Dakota perf. int. 6080-87; 6093-6107; 6117-25; 6172-84;
6191-99 w/48,300 gal. oil & 40,000# sand. BDP 2100#. I.R. 80 BPM. Flush 12,348 gal. oil. Used
300 gal BDA ahead of frac. Injected 5 sets of 15 balls.
8-3-59 Temp. BP @ 6060'. Fraced Upper Gallup perf. int. 5905-14; 5920-25; 5945-57; 6015-27
w/27,720 gal. oil & 30,000# sand. I.R. 75 BPM. Flush 11,970 gal. oil. Used 300 gal. BDA ahead of
frac. Injected 3 sets of 20 balls.

Result of Production Stimulation..... A.O.P. = G-3036; Dak-3761 MCF/D

Ch. Volume = G - 2293; Dak - 3432 MCF/D

..Depth Cleaned Out.....6936'.....

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

Rotary tools were used from 0 feet to 7025 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Completed 8-14, 19 59
~~Put to Producing~~

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 lbs. Ch. Volume = G-2293; D-3432 MCF/D
Length of Time Shut in. G-45 days, Dak-18 days.

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....
T. Salt.....
B. Salt.....
T. Yates.....
T. 7 Rivers.....
T. Queen.....
T. Grayburg.....
T. San Andres.....
T. Glorieta.....
T. Drinkard.....
T. Tubbs.....
T. Abo.....
T. Penn.....
T. Miss.....

T. Devonian.....
T. Silurian.....
T. Montoya.....
T. Simpson.....
T. McKee.....
T. Ellenburger.....
T. Gr. Wash.....
T. Granite.....
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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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DISTRIBUTION

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T. Richmond Fruitland.....	
T. Farmington.....	
T. Pictured Cliffs.....	
T. Menefee.....	
T. Point Lookout.....	
T. Mancos.....	
T. Dakota.....	
T. Morrison.....	
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Transporter

File

Richard Fruitland

Point Lookout

Mancos

Dakota

Morrison

Penn

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FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1344	1344	Tan to gry cr-grn ss interbedded w/gry sh.				
1344	1536	192	Ojo Alamo ss. White cr-grn s.				
1536	2117	581	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
2117	2320	203	Fruitland form. Gry cab sh, scattered coals, coals and gry, tight, fine-grn ss.				
2320	2420	100	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
2420	3855	1435	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
3855	3946	91	Cliff House ss. Gry, fine-grn dense sil ss.				
3946	4746	800	Menefee form. Gry, fine-grn s, carb sh & coal.				
4746	4934	188	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
4934	5813	879	Mancos formation. Gry carb sh.				
5813	6352	539	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.				
6352	6688	336	Sanastee form. Drk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.				
6688	6734	46	Greenhour gorm. Highly calc gry sh w/thin lmst.				
6734	6805	71	Graneros form. Dk gry shale, fossil & carb w/pyrite incl.				
6805	7011	206	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.				
7011	7025	14	Morrison form. Interbed grn brn and red waxy sh & fr to cr grn sd.				

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.

October 15, 1959

Company or Operator. El Paso Natural Gas Company

Address. Box 997, Farmington, New Mexico

Name. Original Signed D. W. Meehan

Position. Title. Petroleum Engineer