

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**

Allison Unit

(Company or Operator)

(Leave)

Well No. 17 (MD) in NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 24, T. 32N, R. 7W, NMPM.

Blanco & H. Los Pinos Dakota Ext.

San Juan

..County.

Well is 1650 feet from South line and 1650 feet from West line.

of Section 24..... If State Land the Oil and Gas Lease No. is 700.....

Drilling Commenced..... 6-27-58, 1958 Drilling was Completed..... 8-11-58, 1958

Name of Drilling Contractor. **Clover Drilling Co. and Great Western Drilling Co.**

Address.....

Elevation above sea level at Top of Tubing Head..... 6499'..... The information given is to be kept confidential until.....
..... 19.....

OIL SANDS OR ZONES

No. 1, from	3286	to	3517 (8)	No. 4, from	5705	to	5866 (8)
No. 2, from	5445	to	5493 (8)	No. 5, from	7949	to	8121 (8)
No. 3, from	5493	to	5705 (8)	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.

KLDF
OCT 29 1958
FBI CON. COM.
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CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48	New	219'	Howse			Surface
9 5/8"	40	New	2013'				Intermediate
9 5/8"	36	New	1601'	Baker			
5 1/2"	17	New	3541'				
5 1/2"	19.5	New	1470'	Baker			Prod. exp.
2"	4.7	New	8905'				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
26"	13 3/8"	223'	250	Circulated		
12 1/4"	9 5/8"	3523'	1500	Circulated (Two stages)		
7 7/8"	5 1/2"	8111'	1350	Single Stage		

RECORD OF PRODUCTION AND STIMULATION

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

8-18-58 CORE 8109'. Set C.I.B.P. 8106'. Perf. Dakota w/4 4 1/4" int. 8019-40; 8070-84; 8088-8103. Pres. w/41,000 gal. water & 40,000# sand. NHP 2700#, max. pr. 4200#, trtg. pr. 3900#. I.R. 46.3
8-21-58 Set C.I.B.P. 8000'. Perf. Dakota w/4 4 1/4" int. 7968-94. Pres. w/40,000 gal. water & 40,000# sand. Flush w/8400 gal. water. I.R. 24 NHP. NHP 3500#, max. pr. 5000#, trtg. pr. 4800#. 10
8-26-58 Re-perf. Dakota w/3 25/8" int. 7928-94. Pres. w/40,000 gal. water & 21,000# sand. I.R. 16.5 NHP. Max. pr. 5000#, NHP 3000#, trtg. pr. 4200#. Sanding off. C.O. and attempted to refrac above
Pumped 1806 gal. water w/1 pump @ 1900 gal. Abandoned attempt. Set Ng. B.P. @ 6500'.
~~8-27-58 Perf. N.V. w/2 4 1/4" int. 5704-34; 5750-80. Pres. w/73,000 gal. water & 60,000# sand. Flush w/7000 gal. water. I.R. 52.0 NHP. Max. pr. 2800#, NHP 1800#, trtg. pr. 1700-1800-1900-2000-2200#. Dropped 4 sets of 15 balls for 5 stages.~~
Result of Production Stimulation: A.G.F.--N.V.--4925; B--1351 11
Ch. Vol.--N.V.--4456 MCF/D
Bak.--1945 MCF/D
NHP/8 with Cleaned Out. 8109'

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 237 feet to 3625 feet, and from 3625 feet to 8121 feet.
Cable tools were used from 0 feet to 237 feet, and from feet to feet.

PRODUCTION

Completed

9-4-58

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.V. - 4925
Dak. - 1353 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure M.V. - 2749
Dak. - 1061 lbs. Ch. Vol. - M.V. 4456; Dak. 1345 MCF/D
Length of Time Shut in M.V. - 24 days; Dak. - 14 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.	Undev.
T. Salt.	T. Kirtland.	T. Kirtland.	2656
B. Salt.	T. Fruitland.	T. Fruitland.	3038
T. Yates.	T. Pictured Cliffs.	T. Pictured Cliffs.	3286
T. 7 R.	T. Menefee.	T. Menefee.	5493
T. Queen.	T. Point Lookout.	T. Point Lookout.	5705
T. Grayburg.	T. Mancos.	T. Mancos.	5866
T. San Andres.	T. Dakota.	T. Dakota.	7949
T. Glometa.	T. Morrison.	T. Morrison.	
T. Drinkard.	T. Penn.	T. Penn.	
T. Tubbs.	T. Lewis.	T. Lewis.	3517
T. Abo.	T. G.H.	T. G.H.	5445
T. Penn.	T. Gallup.	T. Gallup.	7202
T. Miss.	T. Sanstoe.	T. Sanstoe.	7486
	T. Grn. horn.	T. Grn. horn.	7783
	T. Grn.	T. Grn.	7845

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Undev.	2656	2656	Tan to gry cr-grn ss interbedded w/gry sh.				
2656	3038	382	Ojo Alamo ss. White cr-grn s.				
3038	3286	248	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
			Fruitland form. Gry sh & sh, scattered coals, coals and gry, tight, fine-grn ss.				
3286	3517	231	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
3517	5445	1928	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
5445	5493	48	Cliff House ss. Gry, fine-grn, dense sil ss.				
5493	5705	212	Menefee form. Gry, fine-grn s, carb sh & coal.				
5705	5866	161	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
5866	7202	1336	Mancos formation. Gry carb sh.				
7202	7486	284	Gallup form. Lt. gry to tan calc carb micac glauco very fine gry ss w/irreg. interbedded sh.				
7486	7783	297	Sanstoe form. Dk gry calc very fine to fine gry ss w/calc veins w/irreg. inter dk gry s.				
7783	7845	62	Green horn form. Highly calc gry sh w/thin limst.				
7845	7949	104	Graneros form. Dk gry shale, fossil & carb w/pyrite incl.				
7949	8121	172	Dakota form. Lt to dk gry foss carb al calc al silty ss w/pyrite incl thin sh bands clay and shale breaks.				

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 24, 1958

Company or Operator El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Name ORIGINAL SIGNED J.J. TILLERSON Position Title Petroleum Engineer