

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 8, 1974

Operator El Paso Natural Gas Company		Lease Sullivan #2	
Location 1850/N, 870/W, Sec. 7, T30N, R10W		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco	
Casing: Diameter 2.875	Set At: Feet 2892'	Tubing: Diameter No Tubing	Set At: Feet --
Pay Zone: From 2714	To 2730	Total Depth: PBTD 2892 2882	Shut In 4-17-74
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .750	Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 681	+ 12 = PSIA 693	Days Shut-In 21	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA --
Flowing Pressure: P PSIG 44	+ 12 = PSIA 56		Working Pressure: P _w PSIG Calculated	+ 12 = PSIA 69
Temperature: T = 62 °F	n = .85		F _{pv} (From Tables) 1.0030	Gravity .635
F _t = .9981				F _g = .9721

CHOKE VOLUME = Q = C x P_i x F_t x F_g x F_{pv}

Q = 12.365 (56) (.9981) (.9721) (1.0030) = 674 MCF/D

OPEN FLOW = Aof = Q $\left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$

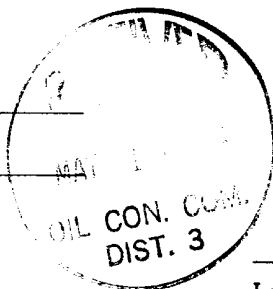
Aof = Q $\left(\frac{480249}{475488} \right)^n = 674(1.0100)^{.85} = 674(1.0085)$

Aof = 680 MCF/D

Note: The well produced a very light fog of water and distillate.

TESTED BY C. R. Wagner

WITNESSED BY _____



Loren W Fothergill
 Loren W. Fothergill
 Well Test Engineer



B. & R. SERVICE, INC.

TEMPERATURE SURVEY

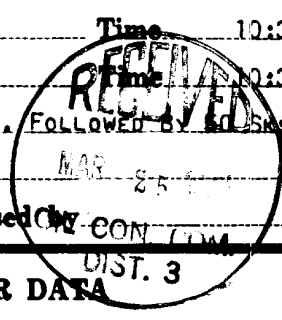
COMPANY EL PASO NATURAL GAS CO.
WELL 2 **LEASE** SULLIVAN
COUNTY SAN JUAN **STATE** NEW MEXICO
SEC. NW 7 **TWP.** 30 **RGE.** 10

APPROX. TOP CEMENT 1350'

Survey Begins at 1000' **Ft. Ends at** 2881' **Ft.**
Approx. Fill-Up **Max. Temp.**
Log Measured From KB **Run No.** 1

Casing Size	Casing Depth	Diam of Hole	Depth
2 7/8" from	to 2893'	6 3/4" from	to 2900'
from	to	from	to

Date of Cementing 3-16-74 **Time** 10:30 AM
Date of Survey 3-16-74 **Time** 10:30 PM
Amount of Cement 210 Sks. CL, "A" Poz, FOLLOWED BY 40 Sks. CL, "A" NEAT.
Recorded by WILSON **Witnessed by** CON LOWE



REMARKS OR OTHER DATA

BAFFLE @ 2883'

TEMPERATURE IN DEGREES FAHRENHEIT

