S. & R.

SALES & SERVICE

TEMPERATURE SURVEY

COMPANY El Paso Natural Gas Co

WELL ~~226~~ 223 **LEASE** San Juan 28-7 Unit

COUNTY Rio Arriba **STATE** New Mexico

SEC. H-26 **TWP.** 28N **RGE.** 7W

APPROX. TOP CEMENT 2450'

Survey Begins at 2000' **Ft. Ends at** 7792' **Ft.**

Approx. Fill-Up **Max. Temp.**

Log Measured From KB **Run No.** 1

Casing Size		Casing Depth	Diam of Hole		Depth
4 1/2"	from	to 7308'	6 1/8"	from	to 7308'
	from	to		from	to

Date of Cementing As Per Report **Time**

Date of Survey 4-10-77 **Time** 11:00 P.M.

Amount of Cement As Per Report

APR 25 1977
OIL CON. COM.
DIST. 3

Recorded by Wilson & Sanders **Witnessed by**

REMARKS OR OTHER DATA

TEMPERATURE IN DEGREES FAHRENHEIT

FORM C-125 (1-65)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 23, 1977

Operator: El Paso Natural Gas Company		Lease: S.J. 28-7 Unit #223	
Location: H NE 26-28-07		County: Rio Arriba	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4 1/2	Set At: Feet: 7803'	Tubing: Diameter: 1 1/2	Set At: Feet: 7765'
Pay Zone: From: 7576	To: 7766'	Total Depth: 7803	Shut In: 6-14-77
Stimulation Method: Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG: 2635	+ 12 = PSIA: 2647	Days Shut-In: 9	Shut-In Pressure, Tubing PSIG: 2035	+ 12 = PSIA: 2047	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P_w PSIG	+ 12 = PSIA	
Temperature: T= °F Ft=	n =		Fpv (From Tables)	Gravity Fg =	

CHOKE VOLUME = $Q = C \times P_t \times F_t \times F_g \times F_{pv}$

$Q =$ = _____ MCF/D

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

$Aof = \left(\quad \right)^n =$

Aof = _____ MCF/D

TESTED BY J. Easley

WITNESSED BY _____

C. R. Wagner

Well Test Engineer