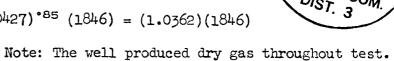
Operator El Paso Natural Gas Company		Lease Hardie "A" No. 3		
790 n, 990 w, s-26-T29N-R8W		San Juan	New Mexico	
Formation		Pool		
Undesignated	•	Pictured Cliffs		
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet	
2.875	31_35	No tubing	~~.	
Pay Zone: From	То	Total Depth:	Shut in	
3054	3070	31.35	8-06-69	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
Sand Water Frac		xx		

Choke Size, Inches • 750	Choke Constant 12.365		Tubingless comple	etion		
Shut-In Pressure, Casing, PSIC 981	+ 12 = PSIA 993	Days Shut-In 15	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA 159		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 201	
Temperature: T= 63 °F Ft=•9971	•85		Fpv (From Tables) 1.017		Gravity .700 Fg = .9258	

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

OPEN FLOW = Aof = Q
$$\begin{pmatrix} & & 2 & \\ & P_c & \\ & P_c & P_w \end{pmatrix}$$

Aof =
$$\begin{pmatrix} 986049 \\ 945648 \end{pmatrix}$$
 = $(1.0427)^{85}$ (1846) = $(1.0362)(1846)$



Aof =	1913	MCF/E
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ESTED BY	CRW	
Calculated		
KINESSED BY	HEM	