Operator Koch Industries		Cain #2 (PC)		
Location	Sec. 20, T31N, R10W	County San Juan	State New Mexico	
Formation Pictured Cliffs		Pool Basin		
Casing: Diameter 4.500	Set At: Feet 2930 t	Tubing: Diameter 2.375	Set At: Feet 26981	
Pay Zone: From 2726'	T• 2770	Total Depth; 2788†	Shut In 7-15-75	
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX	

Choke Size, Inches		Chake Constant: C				
0.75		12.365				
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
1003		1015	28	1003		1015
Flowing Pressure: P 126 .	PSIG	+ 12 = PSIA 138		Working Pressure: Pw 234	PSIG	+ 12 = PSIA 246
Temperature:		n =		Fpv (From Tables)		Gravity
T= 72 •F Ft=	.9887	0.85		1.011		0.635 $F_9 = .9721$

$$Q = (12.365)(138)(.9887)(.9721)(1.011)$$

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

Aof =
$$Q\left(\frac{1030225}{969709}\right)^{n}$$
 = (1658) (1.0624) $\cdot 85$ = (1658) (1.0528)

A _ £	= 1,746	HCE A
Aof	= 1,740	MCF/D

TESTED BY Norton

WITNESSED BY_____



Well Test Engineer