EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

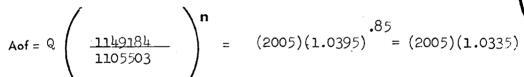
DATE ____12/8/72

Operator		Lease					
EL PASO NATURAL	GAS COMPANY	Hughes #20					
Location		County					
1650/n, 850/w, 1	Sec. 21, T29N, R8W	San Juan	NM				
Formation		Pool Blanco					
Pictured Cliffs							
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet				
2 . 875	3143	No tubing					
Pay Zone: From	То	Total Depth:	Shut In				
3074	3094	3175	12/1/72				
Stimulation Method		Flow Through Casing	Flow Through Tubing				
SWF		x					

Choke Size, Inches		Choke Constant	: C				
.750 12.365			Tubingless Completion				
Shut-In Pressure, Casing, 1060	PSIG	+ 12 = PSIA 1072	Days Shut-In	Shut-In Pressure, Tubing No tubing	P\$IG `	+ 12 = PSIA	
Flowing Pressure: P 153	PSIG	+ 12 = PSIA 165		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 209	
Temperature:		n =	•	Fpv (From Tables)		Gravity	
T= 56 •F F+=	1.0039	.85		1.015		1.645 Fg = .9645	

CHOKE VOLUME = $Q = C \times P_t \times F_t \times F_g \times F_{PV}$			
0 - (12.365)(165)(1.0039)(0.9645)(1.015)	=	2005	MCE/D

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



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DEC 1 4 1972	
OIL CON. COM. DIST. 3	
UIS.	

Aof =	2072	_MCF/D	NOTE:	The	well	produced	dry	gas	throughout
				the	test				

TESTED BY ____Carl Rhames

WITNESSED BY___

William D. Welch Well Test Engineer