

DATE June 11, 1957

Operator El Paso Natural Gas Company		Lease Johnston No. 8	
Location 1700'N, 1600'E, Sec. 17-28-9		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Aztec	
Casing Diameter 7 5/8	Set At: Feet 2322	Tubing Diameter 1 1/4	Set At: Feet 2204
Pay Zone: From 2154	To 2198	Total Depth: 4680 - c/o - 4620. Packer at 2410	
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750		Choke Constant: C 12.365		5 1/2" liner - 2266 - 4656	
Shut-In Pressure, Casing, PSIG PC 633	+ 12 = PSIA 645	Days Shut-In 10	Shut-In Pressure, Tubing PSIG PC 633	+ 12 = PSIA 645	
Flowing Pressure: P PSIG PC 172	+ 12 = PSIA 184		Working Pressure: Pw PSIG PC 175	+ 12 = PSIA 187	
Temperature, T 62	F n 0.85		Fpv (From Tables) 1.016	Gravity 0.630	

2" at 4513. SIPT (MV) - 611 psig

CHOKE VOLUME = Q C x P_c x F_c x F_g x F_v

Q = 12.365 x 184 x .9981 x .9759 x 1.016 = 2252 MCF/D

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

Aof $\left(\frac{416,025}{381,056} \right)^n$ 1.0917^{.85} x 2254 = 1.0775 x 2252

Aof 2427 MCF/D

TESTED BY S. V. Roberts

WITNESSED BY

cc: E. J. Coel (6)

By: [Signature]

L. D. Galloway
L. D. Galloway



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No Copy Received

THE DECISION

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