

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 21, 1956

Operator J. Glenn Turner		Lease Turner State #10-36	
Location 1180'N, 1160'W, Sec. 36-26-8		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing: Diameter 5 1/2	Set At: Feet 2837	Tubing: Diameter 1 3/4	Set At: Feet 2794
Pay Zone: From 2699	To 2837	Total Depth: 2837	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 657	- 12 - PSIA 669	Days Shut-In 18	Shut-In Pressure, Tubing PSIG 661	- 12 - PSIA 673	
Flowing Pressure: P PSIG 0	- 12 - PSIA 12		Working Pressure: Pw PSIG 0	- 12 - PSIA 12	
Temperature: T F 58°	n .85		Fpv (From Tables) 0	Gravity .655	

Open @ 11:20; @ 2:20

1.6" H₂O thru 2" nippleCHOKE VOLUME - $Q = C \times P_r \times F_c \times F_g \times F_{pv}$

Q =

149

MCF/D

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

$$A_{of} = \left(\frac{452,929}{452,785} \right)^n \quad (1.0003)^{.85} \times 149 = 149$$

Aof = 149 MCF/D

TESTED BY L. D. GallowayWITNESSED BY Virgil Stoabs

L. D. Galloway
L. D. Galloway

cc: Benson-Montin-Greer (4)

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received	5	
DISTRICT		
O.		
RECEIVED		
Operator	/	
State Fe		
Operation Office		
State Land Office		
U. S. S	/	
Transporter		
File	/	✓