

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 28, 1956

Operator Petro Atlas	Lease Bolack # 2
Location SE 6-25-7 1700'S, 1190'E	Country Rio Arriba State New Mexico
Formation Pictured Cliff	Pool Ballard
Casing: Diameter 5 1/2 Set At: Feet 2358	Tubing: Diameter 1 3/4 Set At: Feet 2376
Pay Zone: From 2273 To 2384	Total Depth: 2415 - P.B. 2384
Stimulation Method Sand Water Frac	Flow Through Casing Flow Through Tubing X

Choke Size, Inches 0.75	Choke Constant: C 14.1605	Shut-in Pressure, Casing 645 PSIG - 12 - PSIA	Days Shut-In 8	Shut-in Pressure, Tubing 647 PSIG - 12 - PSIA	659
Flowing Pressure, Casing 304 PSIG - 12 - PSIA	316	Working Pressure, Pw 346 PSIG - 12 - PSIA	358	Flow From Tables: 1.031	Gravity .655 est.
Temperature 64	.85				

CHOKER VOLUME $Q = C \times P_c \times F_c \times F_v \times F_g$

$$14.1605 \times 316 \times .9962 \times .9571 \times 1.031$$

4399

MCF D

OPEN FLOW ASSESSMENT

$$\left(\frac{P_c - P_w}{P_c - P_w} \right)^n$$

$$\left(\frac{431,281}{306,117} \right)^n$$

$$(1.4187)^{.85} \times 4399 = 1.3460 \times 4399$$

5921

MCF D

K. C. McBride



L. D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 3

DISTRIBUTION

	NO. FURNISHED	
Operator		
Barry Co	1	
Promotion Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓