FORM 23-75R (REV. 1-63)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 7, 1967

Operator: El Paso Natural Gas Company		Lease: Huerfano Unit No. 162	
Location: 800'N, 800'W, Sec. 19, T-26-N, R-9-W		County: San Juan	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4.500	Set At: Feet: 6790	Tubing: Diameter: 2.375	Set At: Feet: 6559
Pay Zone: From: 8580	To: 6695	Total Depth: 6790	Shut In: 5-22-67
Stimulation Method: Sand Water Frac		Flow Through Casing	Flow Through Tubing: X

Choke Size, Inches: 2 1/2" plate; 4" meter run		Choke Constant: C: 33.293		Tested through 3/4" variable choke.	
Shut-In Pressure, Casing, PSIG: 1880	+ 12 = PSIA: 1892	Days Shut-In: 16	Shut-In Pressure, Tubing PSIG: 1882	+ 12 = PSIA: 1894	
Flowing Pressure: P PSIG: 325 WH Meter 152	+ 12 = PSIA: meter 164 W.H. 407		Working Pressure: P_w PSIG: 981	+ 12 = PSIA: 993	
Temperature: T= 70 °F	Ft=.9905	n = .75	Fpv (From Tables): 1.018	Gravity: .700	Fg= 1.1952

CHOKE VOLUME = $Q = C \times P_t \times F_t \times F_g \times F_{pv}$

Q = Calculated from orifice meter reading = 4186 MCF/D

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

Aof = $\left(\frac{3587236}{2601187} \right)^n$ = $(4186)(1.379)^{.75} = (4186)(1.2723)$

NOTE: The well produced 51.7 bbls. of 48 API gravity oil during the test.

Aof = 5326 MCF/D

TESTED BY R. F. Headrick

CHECKED ~~WITNESSED~~ BY H. E. McAnally

RECEIVED
JUN 23 1967
OIL CON. COM.
DIST. 3

H. L. Kendrick By T.B.G.