

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE October 27, 1965

Operator El Paso Natural Gas Company		Lease Huerfanito Unit No. 82 (MV)	
Location 1550'S, 990'W, Sec. 25, T-27-N, R-9-W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 5.500	Set At: Feet 6880	Tubing: Diameter 1.660	Set At: Feet 4535
Pay Zone: From 4470	To 4560	Total Depth: 6880	Shut In 10-10-65
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

xxxxxxxxxx Meter 2 1/2" Plate, 4" M.R.		xxxxxxxxxx Meter Constant		Tested through 3/4" variable choke Baker Model "F" Packer at 4600	
Shut-In Pressure, Casing, (MV) 1089	PSIG + 12 PSIA 1101	Days Shut-In 17	Shut-In Pressure, Tubing (MV) 567	PSIG + 12 PSIA 579	
Flowing Pressure: P Meter-223; W.H.-521	PSIG + 12 PSIA Meter-235; W.H.-533		Working Pressure: Pw 644	PSIG + 12 PSIA 656	
Temperature: T 59 F	Ft 1.0010	.75	Fpw (From Tables) 1.029	Gravity .710	Fg 1.1868

Initial SIPT(DK) = 2156 Psig

Final SIPT(DK) = 2184 Psig

CHOKE VOLUME : Q ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

Q Calculated from orifice meter reading 5899 MCF/D

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

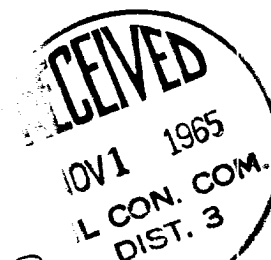
Aof $\left(\frac{1,212,201}{781,865} \right)^n$ (5899) (1.5503)^{.75} = (5899) (1.3900)

NOTE: Well produced 46 bbls oil during Test with an undetermined amount of carry over.

Aof 8200 MCF/D

TESTED BY **Herman E. McAnally & Ron Headrick**

CHECKED BY ~~XXXXXXXXXXXX~~ **W. D. Dawson**



Lewis D. Galloway
Lewis D. Galloway J.D.H.