OPEN FLOW TEST DATA

DATE April 26, 1962

Operator: Consolidated Oil & Gas, Inc.		Lease: Bair No. 1-4	
Location: 1775' F NL, 790' F/EL, Sec.4-T31N-R13W		County: San Juan	State: New Mexico
Formation: Mesaverde		Pool: Blanco	
Casing: Diameter: 5 1/2"	Set At: Feet: 6863	Tubing: Diameter: 1 1/2	Set At: Feet: 6647
Pay Zone: From: 4524	To: 4618	Total Depth: 6650 Pkr.	
Stimulation Method: Sand water frac		Flow Through Casing	Flow Through Tubing: X

Choke Size, Inches: .750		Choke Constant: C: 14.1605			
Shut-in Pressure, Casing, PSIG: 857	+ 12 = PSIA: 869	Days Shut-in: 7	Shut-in Pressure, Tubing PSIG: 657	+ 12 = PSIA: 869	
Flowing Pressure: P PSIG: [illegible]	+ 12 = PSIA: 18		Working Pressure: Pw PSIG: 518	+ 12 = PSIA: 530	
Temperature: T °F: [illegible]	n = .75		Fpv (From Tables): 1	Gravity:	

CHOKE VOLUME Q = C x P_t x F_t x F_g x Fpv

Q = 14.1605 X 18 X 1.0186 X .9258 = 240 MCF/D

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

Aof $\left(\frac{735,111}{274,261}\right)^{.75}$

Aof 514 MCF/D

[illegible] Paige Phillips

[illegible]

OPEN FLOW TEST DATA

DATE April 26, 1962

Operator: Consolidated Oil & Gas, Inc.		Lease: Baird No. 1-4	
Location: 1775' F/NL, 790' F/EL, Sec.4-T31N-R13W		County: San Juan	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 5 1/2"	Set At: Feet: 6864	Tubing: Diameter: 1 1/2	Set At: Feet: 6647
Pay Zone: From: 6706'	To: 6824'	Total Depth: 6841' Pkr	
Stimulation Method: Sand water frac		Flow Through Casing	Flow Through Tubing: X

Choke Size, Inches: .750		Choke Constant: C: 14.1605			
Shut-in Pressure, Casing, PSIG: MV Dual	+ 12 = PSIA:	Days Shut-in: 7	Shut-in Pressure, Tubing PSIG: 1819	+ 12 = PSIA: 1831	
Flowing Pressure: P PSIG: 172	+ 12 = PSIA: 184		Working Pressure: Pw PSIG:	+ 12 = PSIA:	
Temperature: T °F: 44	n = .75		Fpv (From Tables): 1.025	Gravity: .70	

CHOKE VOLUME = Q = C x P_t x F_t x F_g x Fpv

Q = 14.1605 X 184 X 1.0158 X .9258 X 1.025 = 2510 MCF/D

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

Aof = $\left(\quad\right)^n$ =

Aof = _____ MCF/D

TESTED BY _____

WITNESSED BY _____