

OPEN FLOW TEST DATA

DUAL COMPLETION

DATE November 4, 1958

Operator El Paso Natural Gas		Lease Bolack 14-C (P)	
Location 800N, 1640E; 30-27-8		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 7-5/8	Set At: Feet 2252	Tubing Diameter 1-1/4	Set At: Feet 2154
Pay Zone: From 2094	To 2150	Total Depth 4568	Shut in 10/9/58
Stratigraphic Interval Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Well Size: Inches .75	Choke Constant 12.365	5-1/2 liner 2210 - 4559
Shut-in Pressure: P _{si} (PC) 721	PSIG 12 PSIA 733	Shut-in Pressure: Tubing (PC) 721
Flowing Pressure: P _{si} 32	PSIG 12 PSIA 44	Working Pressure: P _w 34
Temperature: T 61	.85	Flow From Tables: Gravity 1.005
		.650

Initial SIPT (MV) = 1076 psig
Final SIPT (MV) = 1080 psig

Packer at 2227'
2" at 4482'

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3 \times F_4$

$C = 12.365 \times 44 \times .9990 \times .9608 \times 1.005$

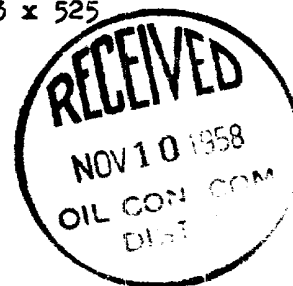
525 MCF/D

OPEN FLOW $A_{of} = Q \left(\frac{P_1}{P_2 - P_w} \right)^n$

$A_{of} = \left(\frac{537289}{535173} \right)^n$

$1.0039^{.85} \times 525 = 1.0033 \times 525$

$A_{of} = 527$ MCF/D



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INFORMATION REPORTING

DATE: 10/10/2010

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