

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Mesaverde Formation Mesaverde County Rio Arriba
Initial _____ Annual _____ Special X Date of Test 12-6-56
Company Blackwood & Nichols Company Lease N E Blanco Unit Well No. 11-25
Unit N Sec. 25 Twp. 31N Rge. 7W Purchaser El Paso Natural Gas Company
Liner 5 1/2" Wt. 15.54 I.D. 4.950" Set at 5588' & hung at 4935' Perf. 5564 To 5180
Tubing 2-3/8" Wt. 4.74 I.D. 1.995" Set at 5523 Perf. 5481 To 5499
Gas Pay: From 5180' To 5564' L 5500' xG .655 -GL 3602 Bar.Press. 11.5
Producing Thru: Casing _____ Tubing X Type Well Single Gas
Recompletion Single-Bradenhead-G. G. or G.O. Dual
Date of completion 11-28-56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (20000) (Choke) (20000) Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI						890		885		
1.		3/4				146		459		2 hours
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wPf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	12.3650		157.5				1997
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c _____ P_c _____

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.						204	600		0.502
2.									
3.									
4.									
5.									

Absolute Potential: 2425 MCFPD; n 0.75
COMPANY Blackwood & Nichols Company
ADDRESS P. O. Box 1237, Durango, Colorado
AGENT and TITLE W. J. Linton, Petroleum Engineer
WITNESSED _____
COMPANY _____

REMARKS



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