

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Mesaverte Formation Mesaverte County San Juan Co.
Initial X Annual _____ Special _____ Date of Test 7-17-57
Company Blackwood & Nichols Company Lease Northeast Blanco Unit Well No. 40-36
Unit 0 Sec. 36 Twp. 31N Rge. 0W Purchaser El Paso Natural Gas Co.
Casing 5-1/2" Wt. 15.50 I.D. 5-1/2 Set at 5772 Perf. 5286 To 5710
Tubing 2-3/8 Wt. 4.7 I.D. 1.995 Set at 5667 Perf. 5625 To 5637
Gas Pay: From 5286 To 5710 L _____ xG _____ -GL _____ Bar.Press. 11.5
Producing Thru: Casing _____ Tubing X Type Well Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 7-6-57 Packer - - Reservoir Temp. - -

OBSERVED DATA

Tested Through (NONE) (Choke) (NONE) 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.	
1.		3/4"	350			1032	867	3 hours
2.								
3.								
4.								
5.								

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w P_f}$	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		361				4464
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 1043 P_c 1088

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.						770	317		
2.									
3.									
4.									
5.									

Absolute Potential: 11,250 MCFPD MCFPD; n .75COMPANY Blackwood & Nichols CompanyADDRESS P. O. Box 1237, Durango, ColoradoAGENT and TITLE _____ Original Signed Delasse Loos, Field SuperintendentWITNESSED _____ By Delasse Loos

COMPANY _____

REMARKS



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