

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Mesquite Formation Mesquite County San Juan
Initial X Annual _____ Special _____ Date of Test 8-8-57
Company Blackwood & Nichols Company Lease H. R. Blanco Unit Well No. 42-32
Unit W Sec. 32 Twp. 31 N Rge. 7 W Purchaser El Paso Natural Gas Co.
Casing 5-1/2" Wt. 15.54 I.D. 4.950" Set at 5730' Perf. 5170' To 5600'
Tubing 2-3/8" Wt. 4.74 I.D. 1.995" Set at 5603' Perf. 5560' To 5572'
Gas Pay: From 5170 To 5600 L 5600 xG .0655 -GL 3660 Bar.Press. 11.5
Producing Thru: Casing _____ Tubing X Type Well Single Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 7-28-57 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Restrictor) 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		<u>3/4"</u>				<u>1110</u>		<u>1105</u>		
1.						<u>324</u>		<u>905</u>		<u>3 hrs</u>
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.	<u>12.3650</u>		<u>335.5</u>				<u>4148</u>
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 1116.5 P_c 1246

No.	$\frac{P_w}{P_t}$ (psia)	P _t ²	F _c Q	(F _c Q) ²	$\frac{(F_c Q)^2}{(1-e^{-s})}$	P _w ²	P _c ² -P _w ²	Cal. P _w	$\frac{P_w}{P_c}$
1.						<u>840</u>	<u>406</u>		<u>.82</u>
2.									
3.									
4.									
5.									

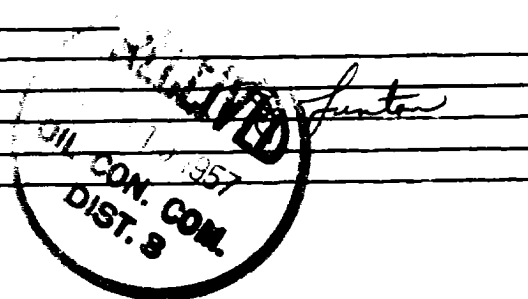
Absolute Potential: 9680 MCFPD; n 0.75COMPANY Blackwood & Nichols CompanyADDRESS P. O. Box 1257, Durango, ColoradoAGENT and TITLE W. J. Linton

Petroleum Engineer

WITNESSED _____

COMPANY _____

REMARKS _____



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