

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  
 Initial X Annual \_\_\_\_\_ Special \_\_\_\_\_ Date of Test 6-12-56  
 Company Blackwood & Nichols Company Lease Northeast Blanco Unit Well No. 47-32  
 Unit X Sec. 32 Twp. 31N Rge. 7W Purchaser El Paso Natural Gas Company  
 Casing 5-1/2 Wt. 15.90 I.D. 4.950 Set at 5750' Perf. 5190' To 5710'  
 Tubing 2-3/8 Wt. 4.7 I.D. 2.995 Set at 5651' Perf. 5599' To 5611'  
 Gas Pay: From 5190' To 5710' L \_\_\_\_\_ xG \_\_\_\_\_ -GL \_\_\_\_\_ Bar. Press. 11.5  
 Producing Thru: Casing \_\_\_\_\_ Tubing X Type Well Single - Gas  
 Single-Bradenhead-G. G. or G.O. Dual \_\_\_\_\_  
 Date of Completion: 6-9-56 Packer \_\_\_\_\_ Reservoir Temp. \_\_\_\_\_

OBSERVED DATA

Tested Through (~~3/4"~~) (Choke) (~~2-3/8"~~) Type Taps \_\_\_\_\_

No.	Flow Data			Tubing Data		Casing Data		Duration of Flow Hr.	
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h <sub>w</sub>	Temp. °F.	Press. psig	Temp. °F.		Press. psig
SI						1119		1114	
1.		3/4"	342			342		305	3 hours
2.									
3.									
4.									
5.									

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor F <sub>t</sub>	Gravity Factor F <sub>g</sub>	Compress. Factor F <sub>pv</sub>	Rate of Flow Q-MCFPD @ 15.025 psia
1.	12.3650		353.5				4371
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

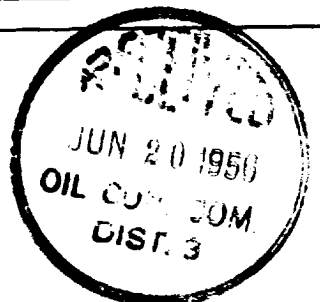
Gas Liquid Hydrocarbon Ratio \_\_\_\_\_ cf/bbl.  
 Gravity of Liquid Hydrocarbons \_\_\_\_\_ deg.  
 F<sub>c</sub> \_\_\_\_\_ (1-e<sup>-s</sup>)  
 Specific Gravity Separator Gas \_\_\_\_\_  
 Specific Gravity Flowing Fluid \_\_\_\_\_  
 P<sub>c</sub> 1125.5 P<sub>c</sub> 1266

No.	P <sub>w</sub> P <sub>t</sub> (psia)	P <sub>t</sub> <sup>2</sup>	F <sub>c</sub> Q	(F <sub>c</sub> Q) <sup>2</sup>	(F <sub>c</sub> Q) <sup>2</sup> (1-e <sup>-s</sup> )	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Cal. P <sub>w</sub>	P <sub>w</sub> /P <sub>c</sub>
1.						839	487		.643
2.									
3.									
4.									
5.									

Absolute Potential: 10.676 MCFPD; n .75

COMPANY Blackwood & Nichols Company  
 ADDRESS P. O. Box 1232, Durango, Colorado  
 AGENT and TITLE De Lasso, Jr. Release Leas. Field Superintendent  
 WITNESSED \_\_\_\_\_  
 COMPANY \_\_\_\_\_

REMARKS



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