

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Bianco Meseverde Formation Meseverde County San Juan
Initial X Annual _____ Special _____ Date of Test 6-11-57
Company Blackwood & Nichols Lease N E Blanco Unit Well No. 39-36
Unit K Sec. 36 Twp. 31 N Rge. 8 W Purchaser El Paso Natural Gas Co.
Casing 5 1/2 Wt. 15.54 I.D. 4.950" Set at 5752 Perf. 5242' To 5716'
Tubing 2 3/8 Wt. 4.74 I.D. 1.995" Set at 5641 Perf. 5597' To 5609'
Gas Pay: From 5242' To 5716' L 5700 xG 0.655 -GL 3733 Bar.Press. 11.5
Producing Thru: Casing _____ Tubing X Type Well Single Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 6-3-57 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (~~1 1/2~~) (Choke) (~~1 1/2~~) 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.	
1.	<u>3/4</u>					<u>1007</u>		<u>1006</u>		<u>1 hr.</u>
2.						<u>376</u>		<u>864</u>		
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>387.5</u>				<u>4792</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

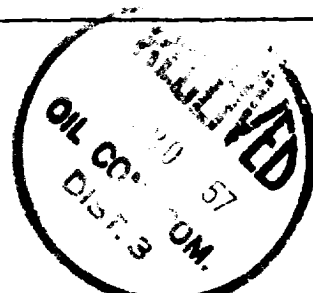
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1017.5 P_c 1035

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.						<u>766</u>	<u>269</u>		<u>0.86</u>
2.									
3.									
4.									
5.									

Absolute Potential: 13,148 MCFPD; n 0.75
COMPANY Blackwood & Nichols Co.
ADDRESS P. O. Box 1237 Durango, Colo.
AGENT and TITLE W. J. Linton Petroleum Engineer
WITNESSED _____
COMPANY _____

REMARKS



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