

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool South Blanco Formation Pictured Cliffs County Rio Arriba
Initial X Annual _____ Special _____ Date of Test Dec. 2, 1964
Company Wagenseller and August Lease Mobil Apache #162 Well No. 8-8
Unit B Sec. 17 Twp. 23N Rge. 2W Purchaser El Paso Natural Gas Co.
Casing 4 1/2 Wt. 9.5 I.D. 4.090 Set at 3129 Perf. 3040 To 3062
Tubing 2 3/8 Wt. 4.7 I.D. 1.995 Set at 3040 Perf. 3040 To _____
Gas Pay: From 3040 To 3062 L 3040 xG 0.620 est. -GL _____ Bar. Press. 12.0
Producing Thru: Casing _____ Tubing X Type Well Single
Single-Bradenhead-G. G. or G.O. Dual _____
Date of Completion: 11-27-64 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (XXXXXX) (Choke) x (Meter) 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						841		894		
1.										
2.										
3.		3/4	47		41			131		3 hrs
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.							
2.							
3.	12.365		59	1.0188	0.9837	1.000	731
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_c² _____

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 _c ² -P _w ²	Cal. P _w	P _w P _c
1.									
2.									
3.						820,836	800,387		1.0255
4.									
5.									

Absolute Potential: 747 MCFPD; n 0.85/1.0216COMPANY Wagenseller and AugustADDRESS 170 S. Beverly Drive, Beverly Hills, CaliforniaAGENT and TITLE Morris B. Jones

WITNESSED _____

COMPANY _____

REMARKS

Well made considerable water during test.

