

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Mesa Verde Formation Mesa Verde County San Juan
Initial X Annual _____ Special _____ Date of Test December 16, 1957
Company Tennessee Gas Transmission Co. Lease Blanco State Unit I Well No. 1
Unit G Sec. 2 Twp. 30N Rge. 11W Purchaser El Paso Natural Gas Company
Liner 5" 11.9# 4.560" 4353-4873'
Casing 5-1/2" Wt. 14 I.D. 5.012" Set at 4350 Perf. 4706 To 4795
Tubing 2-3/8" Wt. 4.6 I.D. 1.995" Set at 4670.49 Perf. 4663.92' To 4670.49'
Gas Pay: From 4706 To 4795 L 4706 xG 0.673 -GL 3167 Bar.Press. 12.0 psi
Producing Thru: Casing X Tubing _____ Type Well Single Completion
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 11/17/57 Packer No Reservoir Temp. 150° F. Approximate

OBSERVED DATA

Tested Through (Prover) (Stokes) (Stokes) 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						1029		1031		
1.	0.75		522			558	78	522		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.	12.2023		534	0.9831	0.9441	1.054	6,374
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

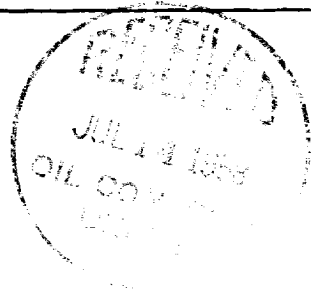
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})
Specific Gravity Separator Gas 0.673
Specific Gravity Flowing Fluid 0.673
P_c _____ P_c _____

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.									
2.									
3.									
4.									
5.									

Absolute Potential: 8,316 MCFPD MCFPD; n 0.75
COMPANY Tennessee Gas Transmission Company
ADDRESS P. O. Box 1772, Casper, Wyoming
AGENT and TITLE Charles Rodenbush, District Engineer
WITNESSED _____
COMPANY _____

REMARKS

N = 0.75 assumed for Blanco Mesa Verde Field.
Used critical flow prover.



OIL CONSERVATION SECTION
 U.S. DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 DENVER, COLORADO

1. Name of Landowner _____
 2. Address _____
 3. City _____
 4. State _____
 5. Zip _____
 6. Phone _____
 7. E-mail _____
 8. Date _____
 9. Signature _____
 10. Printed Name _____
 11. Title _____
 12. Company _____
 13. Address _____
 14. City _____
 15. State _____
 16. Zip _____
 17. Phone _____
 18. E-mail _____
 19. Date _____
 20. Signature _____
 21. Printed Name _____
 22. Title _____
 23. Company _____