

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

1. Formation Picture Cliff County Rio Arriba
 Annual X Special Date of Test 3/23/64
 Company E. L. Fundingsland Lease Sanico Well No. 11
 Loc. SW Sec. 23 Twp. 25 N Rge. 2 W Purchaser El Paso Natural Gas Company
 Casing 4 1/8 Wt. 9.5 I.D. Set at 3540' Perf. 2481 To 2481
 Tubing Wt. I.D. Set at Perf. To
 Gas Pay: From To L xG .680 -GL Bar. Press. 12 psia
 Producing Thru: Casing XX Tubing Type Well Single
 Date of Completion: 3/2/64 Packer None Single-Bradenhead-G. G. or G.O. Dual
 Reservoir Temp.

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter)						Type Taps		Duration of Flow Hr.		
Flow Data						Tubing Data			Casing Data	
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.		Press. psig	Temp. °F.
1.						824		824		
2.					88°	120		162	88°	
3.		1.750	162							
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.	13.985		174	1.0019	.9393	1.015	2291
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 826 P_c 622, 222

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.						31.872	645.072		.878
2.									
3.									
4.									
5.									

Absolute Potential: 2291 MCFPD; n .85

COMPANY E. L. FUNDINGSLAND

ADDRESS

AGENT and TITLE Albert S. Johnson

WITNESSED Large Management Corporation

COMPANY REMARKS

