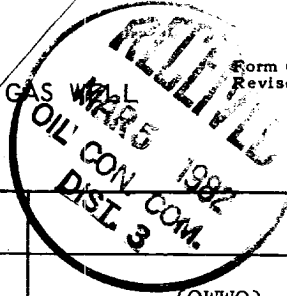


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 3-3-82			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Mesa Verde			
Completion Date 2-24-82		Total Depth 4644		Plug Back TD 4610		Elevation 5774 GR	
Csg. Size 7.625		Wt. 26.4		Set At 6.969		Perforations: From *4368 To 4600	
Tbg. Size 2.375		Wt. 4.7		Set At 1.995		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Dual				Packer Set At 2280		Well No. #2	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12	
L		H		G _g 6.80		Prover	
				% CO ₂		% N ₂	
				% H ₂ S		Meter Run	
						Taps	
FLOW DATA				TUBING DATA			
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.
SI							370
1.			.750	25		51	25
2.							
3.							
4.							
5.							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		37	1.0088	.9393	1.004	435
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.		
2.					Specific Gravity Separator Gas _____ X X X X X X X X		
3.					Specific Gravity Flowing Fluid _____ X X X X X		
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.		
5.					Critical Temperature _____ R _____ R		
$P_c = 382$ $P_c^2 = 145924$							
NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{145924}{11966}$		
1	1369	69	4761	11966	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2856$		
2							
3					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 559$		
4							
5							
Absolute Open Flow 559 Mcfd @ 15.025					Angle of Slope Θ		Slope, n .75
Remarks: *5.500" Liner 2296' - 4639'							
Gas Vented During Test 75 MCF							
Approved By Commission:		Conducted By: Tom McAndrew		Calculated By: Ed Mabe		Checked By:	