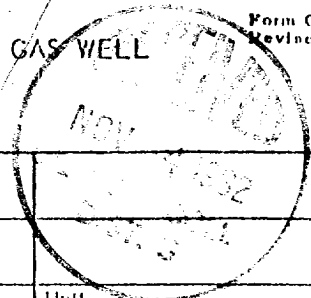


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 10-21-82			
Company Amoco Production Company				Connection Northwest Pipeline			
Pool Otero				Formation Chacra		Unit	
Completion Date 9-25-82		Total Depth 5346		Plug Back TD 5331		Elevation 6602 GL	
Csg. Size 5.500		Wt. 17		Set At 4.892		Perforations: From 3790 To 3826	
Tbg. Size 1.660		Wt. 2.33		Set At 1.380		Perforations: From 3822 To 3822	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Dual				Packer Set At 3941		Well No. 35	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		G _q		Prover	
				% CO ₂		% H ₂ S	
						Meter Run	
						Taps	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Duration of Flow
51	7 Days						
1.	2.375		.750				3 hrs
2.							
3.							
4.							
5.							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		94	1.000	.9608	1.008	1126
2.							
3.							
4.							
5.							
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ °R		
1.					X X X X X X X X		
2.					X X X X X		
3.							
4.							
5.							
P _c = 758 P _c ² = 574564 NO. P _w P _w ² P _c ² - P _w ²					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8154$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5640$		
1		508	258064	316500			
2							
3							
4							
5							
Absolute Open Flow 1761 Mcfd @ 15.025 Angle of Slope @ _____ Slope, n .75							
Remarks: Top of tubing perf 3817 ft.							
Approved by Commission		Conducted By J. J. Barnett		Calculated By J. J. Barnett		Checked By	