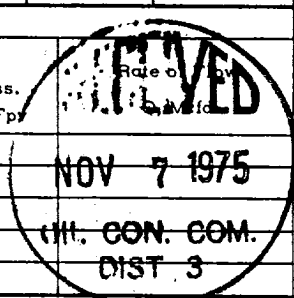


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 10-8-75							
Company AMOCO PRODUCTION COMPANY				Connection Northwest Pipeline Co.							
Pool Basin				Formation Dakota		Unit Rosa Unit					
Completion Date 10-16-75		Total Depth 8449'		Plug Back TD 8400'		Elevation 6720' GL					
Csg. Size 5-1/2	Wt. 17#	d	Set At 8449	Perforations: From 8202 To 8308		Well No. 56					
Tbg. Size	Wt.	d	Set At	Perforations: From Open To Ended		Unit E	Sec. 35				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba					
Producing Thru Tbg.		Reservoir Temp. °F 253°@ 8400		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 psia est.					
State New Mexico		L		H	G _g	% CO ₂	% N ₂				
					% H ₂ S	Prover	Meter Run				
							Taps				
FLOW DATA				TUBING DATA		CASING DATA		Duration of Flow			
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.		Temp. °F	Press. p.s.i.g.	Temp. °F
SI							3255	253	0	60°	7-Day SI
1.							BHP	BHT		Est.	
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 _{sp}	Rate of Flow				
1											
2.											
3.											
4.											
5.											
NO.	P _f	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 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						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \text{_____}$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$						
1											
2											
3											
4											
5											
Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____				Slope, n _____			
Remarks: Well flowed 850 MCFD to sales line at 250 psig. SI pressure was taken at end of 7-day shut-in before fracture. Flow rate is after fracture stimulation.											
Approved By Commission:			Conducted By:			Calculated By: D. E. Richardson			Checked By: H. D. Montgomery		