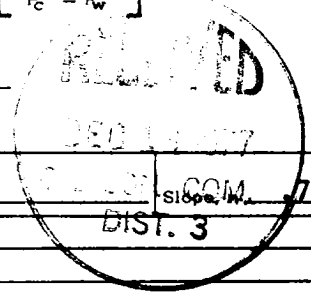


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 11/15/77							
Company AMOCO PRODUCTION COMPANY				Connection NORTHWEST PIPELINE CORPORATION							
Pool BASIN				Formation DAKOTA							
Completion Date 11/15/77		Total Depth 8375		Plug Back TD 8343							
				Elevation 6606 GL							
Csg. Size 4.500		Wt. 12.98	d 1.995	Set At 8376	Perforations: From 8175 To 8294						
Tbg. Size 2.375		Wt. 4.7	d 1.995	Set At 8288	Perforations: From Open To Ended						
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None							
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F							
				Baro. Press. - P _a							
L		H	Gg .65	% CO ₂	% N ₂						
				% H ₂ S	Prover						
					Meter Run						
					Taps						
FLOW DATA											
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	Duration of Flow
SI	7 days						1794		2139		
1.	2.375		0.750				325		600		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 Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd				
1	Stabalized Flow With 300# Back Pressure						342				
2.											
3.											
4.											
5.											
NO.	P _t	Temp. °R	T _t	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						
$P_c = 2151$ $P_c^2 = 4626801$					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0881$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0654$						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²							
1		612	374544	4252257							
2											
3											
4											
5											
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 364$											
Absolute Open Flow 364 Mcfd @ 15.025											
Remarks: Stabalized flow with 300# back pressure											
Approved By Commission:		Conducted By: T. M. Oliver		Calculated By: TMO/WRB		Checked By: J. L. Krupka					