

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 2-10-81	
Company Amoco Production Company				Connection Northwest Pipeline Corp.	
Pool South Blanco				Formation Pictured Cliffs	
Completion Date 8-1-80		Total Depth 5408		Elevation 6727	
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 5408	Perforations: From 2914 To 2958	
Trg. Size 2.375	Wt. 4.7	d 1.995	Set At 3320	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 θ		Mean Annual Temp. °F	
Baro. Press. - P _a		County Rio Arriba		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.	
1	12 days						883		887	
1.	2.375		.750				59		184	
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		71	1.000	.9608	1.006	849
2.							
3.							
4.							
5.							

NO.	P _c	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____ X X X X
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 889	P _w ² 790321	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0511$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0863$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	196	38416	751905
2			
3			
4			
5			

Absolute Open Flow 922		Mcf @ 15.025	Angle of Slope θ _____	Slope, n .75
Remarks: Lite spray H ₂ O				

Approved by Commission	Conducted By JJB	Calculated By J. J. BARNETT	Checked By
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