

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

Form C-122
 Revised 9-1965

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 3/19/81	
Company Amoco Production				Connection Northwest Pipeline Company	
Pool South Blanco				Formation Pictured Cliff	
Completion Date 3/1/81		Total Depth 4274		Plug Back TD 4228	
Elevation 7002		Farm or Lease Name Jicarilla Contract 148			
Csg. Size 5.500	Wt. 14	d 5.012	Set At 4274	Perforations: From 3234 To 3302	
Tag. Size 2.375	Wt. 4.7	d 1.995	Set At 3303	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple single				Packer Set At None	
Producing thru tubing		Reservoir Temp. °F ρ		Mean Annual Temp. °F Baro. Press. - P _a	
County San Juan		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.	
SI	12 days						446		446	
1.	2.375		.750				140		227	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (21 flow)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{sc}	Rate of Flow Q, Mcf
1	12.365		152	1.000	.9508	1.012	1327
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

P _c 458 P _c ² 209764		$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.6616$		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4635$	
NO.	P _w	P _w ²	P _c ² - P _w ²		
1	289	83521	126243		
2					
3					
4					
5					

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2674$		Absolute Open Flow <u>2674</u> Mcf @ 15.025		Angle of Slope θ _____ Slope, n <u>.75</u>	
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Remarks: <u>flowed dry</u> <u>This is a dual well-waiting for dual head</u>			
Approved By Commission:	Conducted By J. J. BARNETT	Calculated By J. J. BARNETT	Checked By: