

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

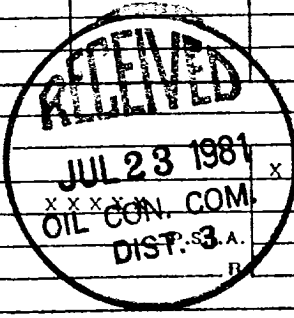
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 6-19-81			
Company Amoco Production Company				Connection Northwest Pipeline					
Pool South Blanco				Formation Pictured Cliff				Unit	
Completion Date 4-17-81		Total Depth 5651		Plug Back TD 5606		Elevation 6918		Farm or Lease Name Jicarilla Contract 148	
Csg. Size 5.500	Wt. 17	d 4.892	Set At 5651	Perforations: From 3170 To 3202		Well No. 22			
Tbg. Size 1-1/4	Wt. 1.660	d 2.40	Set At 3231	Perforations: From open To ended		Unit Sec. Twp. Rye. M 13 25N 5W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual						Packer Set At 3360		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F P		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% 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	45 Days						305		305	
1.	2.375	.750					26		187	
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		38	1.000	.9608	1.003	453
2.							
3.							
4.							
5.							

NO.	P _r	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 _____ X X X X X X X X
3					Specific Gravity Flowing Fluid _____ X X X X X X X X
4					Critical Pressure _____ P.S.I.A.
5					Critical Temperature _____ °R



P _c 317	P _c ² 100489	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6504$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5310$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	199	39601	60888
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 694$

Absolute Open Flow 694	Mcf @ 15.025	Angle of Slope θ	Slope, n .85
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Remarks: Flowed Life H2O

Approved By Commission	Conducted By JJJ	Calculated By JJ Barnett	Checked By
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