

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 12/27/77			
Company Amoco Production Company				Connection					
Pool Blanco				Formation Mesaverde				Unit	
Completion Date 12/27/77		Total Depth		Plug Back TD		Elevation 7491		Farm or Lease Name San Juan 29-4 Unit	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4729	Perforations: From 6308 To 6676		Well No. 21			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6666	Perforations: From Open To Ended		Unit Sec. Twp. Rge. K 5 29 4			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _g .65	% 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	7 days						1187		1187	
1.	2.375	0.750					350		770	24 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	Flowing with 350# back pressure on separator						190
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	Specific Gravity Separator Gas _____	Specific Gravity Flowing Fluid _____	Critical Pressure _____ P.S.I.A.	Critical Temperature _____ R
1.							XXXXXXXXXX			
2.							XXXXXX			
3.										
4.										
5.	1199		1437601							

NO.	P _t	P _w	P _c	P _c ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1		781	611524	826077			1.7403	1.5152
2								
3								
4								
5								

Absolute Open Flow 288 Mcfd @ 15.025				Angle of Slope 75	
Remarks: 4.5" 10.5# Liner set @ 4484' - 6748'					

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/NJF	Checked By: J. L. Krupka
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