

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 7/25/84	
Company Amoco Production Company		Connection Not dedicated	
Pool Undesignated 100		Formation Gallup	
Completion Date 6/18/84		Total Depth 8732	Plug Back TD 8269
		Elevation 6866 GL	Farm or Lease Name Jicarilla Tribal 531
Ceq. Size 5.500	Wt. 17	d 4.892	Set At 8732
Perforations: From 6870 To 7200		Well No. #1	
Thg. Size 2.875	Wt. 6.5	d 2.441	Set At 7945
Perforations: From Open To ended		Unit Sec. Twp. Rge. K 5 31 3	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single		Packer Set At 6678	County Rio Arriba
Producing Thru tubing	Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _g
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.	Temp. °F	
SI	15 daxis						1570		0		
1.	2:875		.750				218		0		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		230	1.000	.9258	1.026	2701
2.							
3.							
4.							
5.							

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

P _c 1587	P _c ² 2518569				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		363	131769	2386800	
2					
3					
4					
5					

Absolute Open Flow	2812	Mcfd @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: was not flared, Heavy H₂O Spray

Approved By Division	Conducted By: J. J. Barnett	Calculated By: J. J. Barnett	Checked By:
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