

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 5-23-85		Flac	
Company Amoco Production Co.				Connection Not dedicated		846364-01-6	
Pool Otero				Formation Chacra		Unit	
Completion Date 5-3-85		Total Depth 3120		Plug Back TD 3076		Elevation 5571GR	
Casing Size 4.500		ID 10.5		Set At 3120		Perforations: From 2840 To 2944	
Tubing Size 2.375		ID 4.7		Set At 2919		Perforations: From open To ended	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single				Packer Set At None		Well No. 1	
Producing Thru tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		Cg		Prover	
% CO ₂		% N ₂		% H ₂ S		Meter Run	
County San Juan		State New Mexico		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	20 days						820		840		3 hrs.
1.	2.375		.750				260		435		
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 _{sp}	Rate of Flow Q, Mgd
1	12.365		272	1.000	.9258	1.027	3198
2.							
3.							
4.							
5.							

NO.	R	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mc/ASHI
1					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	DIST. 3
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 852	P _w 725904					
NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²	
1		447	199809	526095		
2.						
3.						
4.						
5.						

Absolute Open Flow	4071	Angle of Slope	75
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Remarks: flared, lite H2O, lite condensate
TRUE

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