

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 9/28/84			
Company Amoco Production Co.				Connection Not dedicated NWPL			
Pool Blanco				Formation Mesa Verde			
Completion Date 7/25/84		Total Depth 5199		Plug Back TD 5118		Elevation 6409 GL	
Farm or Lease Name Jicarilla Contract 155-B				Well No. 1			
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 5199	Perforations: From 4924 To 5086		Unit Sec. Twp. Rye. A 31 26 5	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 5086	Perforations: From open To ended		County Rio Arriba	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None		State New Mexico	
Producing Thru tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a	
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.	Temp. °F	
SI	12 days						1228		1232		
1.	2.375		.750				140		546		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		152	1.000	.9258	1.014	1764
2.							
3.							
4.							
5.							

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

P _c 1244	P _c ² 1547536	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2519$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1835$	
NO.	P _f ²	P _w	P _w ²	P _c ² - P _w ²
1		558	311364	1236172
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2088$

Absolute Open Flow 2088 Mcfd @ 15.025

Angle of Slope @ _____ Slope, n .75

Remarks: flared, Med. H₂O, Med. Oil

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