

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 2-16-79	
Company Amoco Production Company				Connection			
Pool Aztec				Formation Pictured Cliff		Unit	
Completion Date 2-7-79		Total Depth 2424		Plug Back TD 2410		Elevation 5755	
Farm or Lease Name Bruington Gas Com "D"							
Csg. Size 4.50		Wt. 10.5		d 4.052		Set At 2410	
Thq. Size 2.375		Wt. 4.7		d 1.995		Set At 2164	
Type Well - Single - Bradenhead - 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		Gg .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	9 Days						267		267	
1.	2.375	.750					95	60	198	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		107	1.000	.9608	1.010	1284
2.							
3.							
4.							
5.							

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

P _c 279 P _c ² 77841				
NO	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.3070$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.0551$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2613$
1	210	44100	33741	
2				
3				
4				
5				

Absolute Open Flow _____ 2613 _____ Mcfd @ 15.025	Angle of Slope θ _____ Slope, n _____ 85
Remarks:	
Approved By Commission	Conducted By R. A. Conner
Calculated By R. A. Conner	Checked By J. L. Krupka