

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 5-9-84	
Company Amoco Production Co.				Connection Not Dedicated			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 4-17-84		Total Depth 4586		Plug Back TD 4546		Elevation 5519GR	
Farm or Lease Name Abrams Gas Com "J"		Well No. 1		Perforations: From 4040 To 4398		Unit Sec. Twp. Rge. D 25 29 10	
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 4586	Perforations: From open To enden		County San Juan	
Thq. Size 2.375	Wt. 4.7	d 1995	Set At 4385	Packer Set At None		State New Mexico	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Baro. Press. - P _g		Meter Run Taps	
Producing Thru tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Prover	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S		

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						1033		1033	
1.	2.375		.750				260		624	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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		272	1.000	.9258	1.033	3216
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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 1045 P _c ² 1092025				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		636	404496	687529
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5883$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4148$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4550$

Absolute Open Flow 4550	Mcf/d @ 15.025	Angle of Slope @ _____	Slope, n .75
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Remarks: Lite H2O, Drilled by True

Approved By Commission:	Conducted By: JJ Barnett	Calculated By: JJ Barnett	Checked By:
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