

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 4-28-77	
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Co.			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 4-21-77		Total Depth 5550		Plug Back TD 5505		Elevation 6431 GL	
Csg. Size 7.000		Wt. 20		Set At 6.456		Perforations: From 4659 To 5385	
Tbg. Size 2.375		Wt. 4.7		Set At 1.995		Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		G _g		State New Mexico	
				% CO 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	7 days						726		726	
1.	2.375"		.750				165	60°	540	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		177	1.000	.9608	1.016	2136
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 738	P _c ² 544,644	
NO.	P _t ²	P _w ²
1		552
2		304,704
3		239,940
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.2699$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3950$

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

3950

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope @ _____ Slope, n _____

Remarks: **4.5" 10.5# liner set 3245-5550'**

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: Oliver/W.R.Cordill	Checked By: H. D. Montgomery
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