

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1965

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 11-25-81	
Company Amoco Production Company			Connection El Paso Natural Gas Company		
Pool Blanco			Formation Mesaverde		Unit
Completion Date 11-4-81		Total Depth 7008		Plug Back TD 6797	Elevation 6071
Farm or Lease Name Stanolind Gas Com "B"					
Csg. Size 7.000	Wt. 23	d 6.366	Set At 7105	Perforations: From 4426 To 4599	
Well No. 1					
Tbg. Size 2.063	Wt. 3.25	d 1.751	Set At 4520	Perforations: From open To ended	
Unit Sec. Twp. Rge. I 9 32N 12W					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual				Packer Set At 4751	
County San Juan					
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F Baro. Press. - P _a	
State New Mexico					
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	7 Days						935		935		
1.	2.375		.750				25		201		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		37	1.000	.9608	1.005	442
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

NO.	P _t	P _w	P _t ²	P _w ²	P _t ² - P _w ²
1		213	45369	828856	
2					
3					
4					
5					

(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 1.0547$

AOIF = Q $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 460$

(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 1.0408$

Absolute Open Flow	460	Mcfd @ 15.025	Angle of Slope	75
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Remarks:			

Approved By Commission	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By <i>JS</i>
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