

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 3-21-83	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 02-21-83		Total Depth 7130		Plug Back TD 7084		Elevation 5919 GL	
Farm or Lease Name Federal Gas Com "L"							
Csq. Size 5.500	Wt. 17	d 4.896	Set At 7130	Perforations: From 4099 To 4769		Well No. 1E	
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 4752	Perforations: From Perf. Orange Peel To		Unit Sec. Twp. Rge. B 14 30 11W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual (DK)				Packer Set At 6606		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		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.	
SI	3 Days						1027		1048	
1.	2.375		.750				128		768	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		140	1.000	.9258	1.013	1623
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.																

P _c 1060 P _c ² 1123600				(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 2.1809$		(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 1.7946$	
NO.	P _e	P _w	P _w ²	P _e ² - P _w ²			
1		780	608400	515200			
2							
3							
4							
5							

Absolute Open Flow 2913 Mcfd @ 15.025 Angle of Slope @ Slope, n .75			
Remarks: Heavy wt after 3 hrs blow; perf sub set at 4738 ft			

Approved By Commission	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By [Signature]
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