

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 12/20/77			
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Company				
Pool Blanco				Formation Mesaverde			Unit	
Completion Date 12/20/77		Total Depth 4800		Plug Back TD 4758		Elevation 5759		Farm or Lease Name W. D. Heath "A"
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2700	Perforations: From 3947 To 4713			Well No. 1A	
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 4711	Perforations: From Open To Ended			Unit Sec. Twp. Rge. P 9 29 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None			County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps
		.65						

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						682		705	
1.	2.375	0.750					160		610	60°
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		172	1000	.9608	1.016	2076
2							
3							
4							
5							

NO.	P _r	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

NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 8.2248$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4.8567$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 10083$
1		672	451584	62505	
2					
3					
4					

Absolute Open Flow 10083 Mcfd @ 15.025		Angle of Slope @ _____	
Remarks: 4.5" 11.6# liner set @ 2495-4800'			

Original Signed by			
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/T.R. McCarthy	Checked By: J.L. KRUPKA