

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 1/9/78			
Company Amoco Production Company				Connection EL PASO NATURAL GAS COMPANY					
Pool Blanco				Formation Mesaverde				Unit	
Completion Date 1/9/78		Total Depth 4992		Plug Back TD 4952		Elevation 5743		Farm or Lease Name McCoy Gas Com "A"	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2872	Perforations: From 3980 To 4913		Well No. 1A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4913	Perforations: From Open To Ended		Unit F	Sec. 18	Twp. 31	Rge. 10
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	Gg .65	% 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	9 days						636		691	
1.	2.375	0.750					80	60	500	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 Fg	Super. Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		92	1.000	.9608	1.010	1104
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

P _c 703	P _c 2494209	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \underline{2.1296}$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = \underline{1.7629}$	
NO.	P _t ²	P _w	R _w ²	P _c ² - P _w ²
1		512	262144	232065
2				
3				
4				
5				

Absolute Open Flow 1946 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: 4.5" 10.5# Liner Set @ 2684'-4988'			

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/WRB	Checked By: J. L. Krupka
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