

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 4970		Plug Back TD 4931		Elevation 5973	
Farm or Lease Name A. L. Elliott "C"		Well No. 1A		Perforations: From 4068 To 4858		Unit Sec. Twp. Rge. E 15 29 9	
Csg. Size 7.00	Wt. 20	d 6.456	Set At 2898	Perforations: From Open To Ended			
Tng. Size 2.375	Wt. 4.7	d 1.996	Set At 4842				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a 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.	Temp. °F
SI	7 Days						638		642	
1.	2.375	0.750					120		485	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		132	1.000	.9608	1.012	1587
2.							
3.							
4.							
5.							

NO.	P _t	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 654	P _c ² 427716	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.3669$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 19083$
NO.	P _t ²	P _w	P _w ²
1		497	247009
2			
3			
4			
5			

Absolute Open Flow 3028 Mcfd @ 15.025		Angle of Slope 0	Slope, 0 .75
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Remarks: 4.5" 11.6# liner set 2711'-4970'

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