

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 JAN - G 1003	
Completion Date 12/20/77		Total Depth 4900		Plug Back TD		Elevation 5845		Name of Lease Owner A. L. Elliott "B"	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2815	Perforations: From 4076 To 4784		Well No. 2A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4794	Perforations: From Open To Ended		Unit Sec. Twp. Rge. 0 10 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	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						521		625		
1.	2.375	0.750					170		540	60°	3 hours
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		182	1.000	.9608	1.019	2203
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 637	P _c ² 405769	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.0149$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.8364$
NO.	P _t ²	P _w	P _w ²
1		552	304704
2			
3			
4			
5			

Absolute Open Flow 6248 Mcfd @ 15.025		Angle of Slope θ _____
Remarks: 4.5" 10.5# liner set at 2619-4900'		

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