

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 1-12-76			
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Company				
Pool Blanco				Formation Mesaverde				Unit
Completion Date 1-5-76		Total Depth 4902'		Plug Back TD 4867'		Elevation 5783'		Farm or Lease Name Elliott Gas Com "F" (1-2)
Csg. Size 7"	Wt. 23#	d 6.336	Set At 2722'	Perforations: From 4094' To 4828'		Well No. 1R		
Tbg. Size 2.375	Wt. 4.7	d 4838'	Set At	Perforations: From Open To Ended		Unit Sec. Twp. Rge. B 33 30 9		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @ 900		Mean Annual Temp. °F		Baro. Press. - P _a 12 psia		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						437		529		
1.	2-Inch	0.750					207	60° est.	469		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 Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		219	1.000	.9608	1.011	2630
2.							
3.							
4.							
5.							

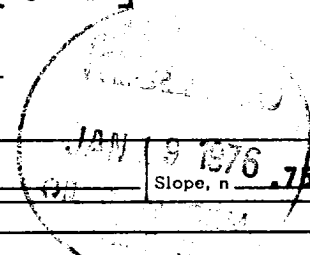
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 541	P _c ² 292,681	
NO.	P _t ²	P _w
1	481	23 1361
2		
3		
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{4.7730}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{8493}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{3.229}$



Absolute Open Flow 8493 Mcfd @ 15.025	Angle of Slope θ _____
Remarks: 4-1/2" liner set 2492-4901'	

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: D. A. Norby	Checked By: H. D. Montgomery
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