

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 1-10-73				
Company AMOCO PRODUCTION COMPANY				Connection None					
Pool Blanco				Formation Pictured Cliffs				Unit	
Completion Date 1-3-73		Total Depth 2285		Plug Back TD 2234		Elevation		Farm or Lease Name Nya Gas Com "C"	
Csg. Size 4.500	Wt. 9.5	d 4.050	Set At 2273	Perforations: From 2074 To 2114		Well No. 1			
Tbg. Size 1.66	Wt. 2.4	d 1.38	Set At 2135	Perforations: From Open To Ended		Unit H	Sec. 7	Twp. 29N	Rge. 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At --		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 PSIA Est.		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.	Line Size X 2" 7 Days	Press. p.s.i.g. 0.750	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.					882		894		3 Hrs.
2.					83		296	60°	
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, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		95	1.0	.9603	1.010	1140
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	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	_____ P.S.I.A.
5					Critical Temperature	_____ R

P _c 986	P _c ² 820,836		
NO.	P _t ²	P _w	P _w ²
1		308	94,864
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{1.1307}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1265}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.1100}$

Absolute Open Flow 1265	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: J. Pope/J. Calvin	Checked By: J. Arnold Snell
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