

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 12-22-72		JAN 15 1973 OIL CON. COM. DIST. 3	
Company AMOCO PRODUCTION COMPANY				Connection None			
Pool Blanco				Formation Pictured Cliffs		Unit	
Completion Date 12-15-72		Total Depth 2450		Plug Back TD 2391		Elevation 5692' KB	
Farm or Lease Name Elliott Gas Com "U"							
Csg. Size 4.500	Wt. 9.5	d 4.050	Set At 2438'	Perforations: From 2305 To 2347		Well No. 1	
Tbg. Size 1.660	Wt. 2.33	d 1.380	Set At 2340	Perforations: From Open To Ended		Unit Sec. Twp. Rge. N 33 T30N R9W	
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.		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.	Power Line Size X Size Choke	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				603		604			
1.	2" .750				39		152			
2.										
3.										
4.										
5.										

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	12.3650		51	1.000	.9608	1.000	606
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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	

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²
1	616	379,456	164	26,896	35,2560
2.					
3.					
4.					
5.					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0763$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 645$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0642$

Absolute Open Flow 645 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: J. F. Elledge	Calculated By: J. Calvin/J. Pope	Checked By: J. Arnold Snell
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