

**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 12-19-72			
Company AMOCO PRODUCTION COMPANY				Connection None				
Pool Blanco				Formation Pictured Cliffs				Unit
Completion Date 12-12-72		Total Depth 2485		Plug Back TD 2423'		Elevation 5746' KB		Farm or Lease Name Heath Gas Com "M"
Csg. Size 4.500	Wt. 9.5	d 4.050	Set At 2472'	Perforations: From 2298 To 2342		Well No. 1		
Tbg. Size 1.90" OD	Wt. 2.75	d 1.610	Set At 2344	Perforations: From Open To Ended		Unit G Sec. 9 Twp. 29N Rge. 9W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At --		County San Juan	
Producing Thru Tbg.		Reservoir Temp. *F @		Mean Annual Temp. *F 60° Est.		Baro. Press. - P _g 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.	Prover Line Size X Office 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				860		862		
1.	2-Inch .750				212		497	60°	3 Hr.
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	12.3650		224	1.000	.9608	1.022	2720
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 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 874	P _c ² 763,876		
NO.	P _t ²	P _w ²	P _w ² - P _c ²
1	509	259,081	504,795
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.513}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.422}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{3868}$

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope Θ _____	Slope, n .35
Remarks: _____		
Approved By Commission: _____		
Conducted By: J. F. Elledge	Calculated By: Calvin/Ellison	Checked By: J. Arnold Snell