

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 12-6-72				
Company AMOCO PRODUCTION COMPANY				Connection None					
Pool Blanco Pictured Cliffs				Formation Pictured Cliffs				Unit	
Completion Date 11-29-72		Total Depth 2301'		Plug Back TD 2262'		Elevation 5630' Gr.		Farm or Lease Name Heath Gas Com "N"	
Csg. Size 4-1/2	Wt. 9.5	d 4.09	Set At 2301	Perforations: From 2154 To 2185			Well No. 1		
Tbg. Size 1-1/2	Wt. 2.75	d 1.61	Set At 2180	Perforations: From Open To Ended			Unit C	Sec. Twp. Rge. 8 29N 9W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None			County San Juan		
Producing Thru Tubing		Reservoir Temp. °F 60° Est.		Mean Annual Temp. °F 12 PSIA		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	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	Choke				908		908		
1.	2-Inch	.750				180	60°	426		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	12.365		192	1.000	.9608	1.020	2327
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 920	P _c ² 846,400				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		438	191,844	654,556	
2					
3					
4					
5					

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.293$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2895$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.244$$

Absolute Open Flow 2895 Mcfd @ 15.025	Angle of Slope @ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: O. N. Thurston	Calculated By: J. W. Calvin	Checked By: J. Arnold Sael
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