

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 12-22-72		RECEIVED JAN 15 1973 OIL CON. COM. DIST. 3		
Company AMOCO PRODUCTION COMPANY				Connection None					
Pool Blanco				Formation Pictured Cliffs					
Completion Date 12-15-72		Total Depth 2250		Plug Back TD 2191		Elevation 5613' KB		Farm or Lease Name Heath Gas Com "O"	
Csq. Size 4.500	Wt. 9.5	d 4.050	Set At 2242	Perforations: From 2110 To 2134		Well No. 1			
Tbg. Size 1.66	Wt. 2.33	d 1.380	Set At 2132	Perforations: From Open To Ended		Unit N	Sec. 8	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 6		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a Est. 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.	Line Size	X Choke Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days					813		815	
1.	2-Inch	.750				96		316	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		108	1.000	.9608	1.011	1297
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 827	P _c ² 683,929	
NO.	P _t ²	P _w ²
1	328	107,584
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.1867$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1566$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1500$$

Absolute Open Flow 1500 Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n .85
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Remarks: _____

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