

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 1-31-78	
Company Amoco Production Company				Connection El Paso Natural Gas Company		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 1-24-78		Total Depth 4816		Plug Back TD 4651		Elevation 5707
Farm or Lease Name Heath Gas Com A						
Csq. Size 7.000	Wt. 20	d 6.456	Set At 2690	Perforations: From 3990 To 4682		Well No. 1A
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4629	Perforations: From Open To Ended		Unit Sec. Twp. Rge. 0 32 30 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L	H	Gg .65	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Taps

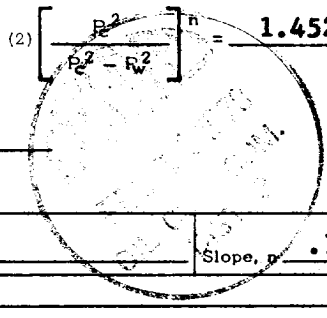
FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 days						6.06		606		
1.	2.375	0.750					125	60	375		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		137	1.000	.9608	1.012	1647
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R	
1.						
2.						
3.						
4.						
5.						

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1		387	149769	232155	1.6451	1.4526
2.						
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ **2392**



Absolute Open Flow 2392 Mcfd @ 15.025	Angle of Slope θ _____	Slope, μ .75
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Remarks: **4.5", 11.6# Liner Set @ 2493' - 4816'**

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/RWT	Checked By: J. L. Krupka
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