

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 10/11/76	
Company Amoco Production Company				Connection None			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 10/4/76		Total Depth 5308		Plug Back TD 5274		Elevation 5903 GL	
Csg. Size 7.000	Wt. 23	d 6.366	Set At 3149	Perforations: From 4580 To 5121		Well No. 1A	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5114	Perforations: From Open ended To		Unit C	Sec. 34 Twp. 32 Rge. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F 62°		Baro. Press. - P _a 15,025		State New Mexico	
L 4851	H	Gg .650	% 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.	
SI	7 Days						666		668	
1.			0.750				165	60°	600	
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	12.365		177	1.000	.9608	1.019	2143
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	NO. 1076 AMOCO PRODUCTION COMPANY DIST. 3	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 680	P _c ² 462,400		
NO.	P _t ²	P _w	P _w ²
1		612	374,544
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{5.2632}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{7447}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{3.4748}$

Absolute Open Flow 7447 Mcfd @ 15,025	Angle of Slope θ _____	Slope, n .75
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Remarks: **4-1/2" 10.5# liner set @ 2959'-5305'**

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: W. R. Cordill	Checked By: H. D. Montgomery Original Signed By H. D. MONTGOMERY
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