

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 3-19-79	
Company D. J. Simmons				Connection		
Pool Blanco Mesa Verde				Formation Mesa Verde		Unit
Completion Date 3-10-79		Total Depth 4815'		Plug Back TD 4735'		Elevation 5632 KB
Farm or Lease Name Laura V. Hamner "A"						Well No. 1A
Csg. Size * 7"	Wt. 20#	d	Set At 3295'	Perforations: From To		Unit Sec. Twp. Rge. F 21 29N-9W
Tbg. Size 2 3/8"	Wt. 4.7#	d	Set At 4615'	Perforations: From 3656' To 4680'		County San Juan
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		State New Mexico
Producing Thru Tbg.		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a
L	H	Gg 0.650	% CO ₂	% N ₂	% H ₂ S	Prover X
			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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	1 - 7 days						660		660		
1.	2" x 3/4"						193	60	495		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	9.453		205	1.000	1.240	1.021	2.453
2.							
3.							
4.							
5.							

NO.	P _r	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
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 672	P _c 2451584	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 2.3214$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.8807$
NO.	P _L ²	P _w	P _w ²
1		507	257049
2			
3			
4			
5			

Absolute Open Flow 4,613 Mcfd @ 15.025		Angle of Slope θ _____
Remarks: * 7" with 4 1/2" liner 3126 to 4815.		

Approved By Commission:	Conducted By: Odeco	Calculated By:	Checked By: A.B. Geren, Jr.
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