

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				
Company D.J. Simmons					Connection				
Pool Blanco Mesaverde					Formation Mesaverde				
Completion Date 9-22-80		Total Depth 5111		Plug Back TD 4945		Elevation 5907 KB		Farm or Lease Name L.V. Hamner "B"	
Csg. Size 7" 4 1/2" liner	Wt. 20# 10.5#	d (2500' to 5109')	Set At 2683	Perforations: From 3971' To 4819'		Well No. 1A			
Tbg. Size 2 3/8"	Wt. 4.7#	d	Set At 4780'	Perforations: From To		Unit J	Sec. 29	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 0		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg 0.650	% 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						880		880	
1.	2" x 3/4"					60	243		575	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		255	1.000	1.240	1.025	3.064
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 _____ 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 892	P _c ² 795664	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.7639}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.5306}$
NO.	P _t ²	P _w	P _w ²
1		587	344569
2			
3			
4			
5			

Absolute Open Flow 4,690 Mcfd @ 15.025		Angle of Slope θ _____
Remarks: _____		

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