

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 6-25-79	
Company D. J. Simmons				Connection		
Pool Blanco Mesaverde				Formation Mesaverde		Unit
Completion Date 6-17-79		Total Depth 5011'		Plug Back TD 4950'		Elevation 5814 KB
Farm or Lease Name Simmons "E"						Well No. 1-A
Csg. Size 4 1/2" liner	Wt. 20#	Set At 2717'	Perforations: From 3831' To 4925'		Unit Sec. Twp. Rge. K 26 29N 9W	
Tbg. Size 2 3/8"	Wt. 4.7#	Set At 4906'	Perforations: From To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At	
Producing Thru Tubing				Reservoir Temp. °F @		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.	
1.	2" x 3/4"	7 days					700		710	
2.							202	60	620	
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		214	1.000	1.240	1.023	2,566
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 722	P _c ² 521284	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.2777$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.9745$
NO.	P _t ²	P _w	P _w ²
1		632	399424
2			
3			
4			
5			

Absolute Open Flow 7,633 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:	Conducted By: Odeco	Calculated By:	Checked By: A.B. Geren, Jr.