

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 5-31-83	
Company Robert L. Bayless		Connection Northwest Pipeline	
Pool S. Blanco Pic. Cliffs		Formation Pictured Cliffs	
Completion Date 5-23-83		Total Depth 2950' RKB	
Plug back TD 2902' RKB		Elevation 6811' G.L.	
Farm or Lease Name Jicarilla 363 B		Well No. 5	
Casing Size 2-7/8"		Well ID 6.5	
Perforations: From 2812 To 2829		Unit B	
Perforations: From To		Sec. 16	
Tubing Size None		Twp. 24N	
Perforations: From To		Rye. 4W	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single		Packer Set At None	
Producing Thru casing		County Rio Arriba	
Reservoir Temp. °F #		State New Mexico	
Mean Annual Temp. °F #		Baro. Press. - P _g 12 psia	
L		H	
Cg .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
SI	8 days		
1.	2 inch X .750		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.3650		103
2.			
3.			
4.			
5.			
NO.	R _f	Temp. °R	T _f
1			
2.			
3.			
4.			
5.			
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			
Specific Gravity Flowing Fluid _____ X X X X X			
Critical Pressure _____ P.S.I.A.			
Critical Temperature _____ R			
P _c 804 P _w 646.416			
NO.	P _i ²	P _w	P _w ²
1		128	16446
2			
3			(calculated)
4			
5			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0261$			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0221$			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1263$			
Absolute Open Flow 1263 Mcfd @ 15.025			
Angle of Slope 0.85			
Remarks: Well producing slight mist of water			
OIL CO			
Approved By Division		Conducted By: K.H. McCord	
Calculated By: K.H. McCord		Checked By: Robert L. Bayless	