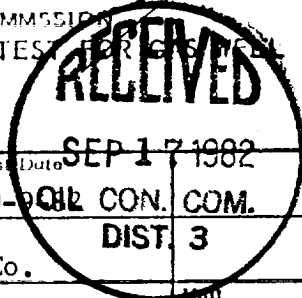


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 9-1-65

CORRECTED COPY



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date SEP 17 1982								
Company El Paso Exploration Co.						Connection Northwest Pipeline Co.								
Pool S. Blanco						Formation Pictured Cliffs								
Completion Date 9-2-82			Total Depth 3859			Plug Back TD 3849			Elevation 7209 Gr.			Farm or Lease Name Jicarilla 120 C		
Csg. Size 2.875		Wt. 6.40		Set At 2.44		Set At 3859		Perforations: From 3768 To 3808				Well No. #22		
Tbg. Size		Wt.		Set At		Set At		Perforations: From To				Unit Sec. Twp. Rge. 0 29 26 4		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single								Packer Set At		County Rio Arriba				
Producing Thru Casing			Reservoir Temp. °F 8			Mean Annual Temp. °F			Baro. Press. - P _a 12.0			State New Mexico		
L		H		G _g .68		% CO ₂		% H ₂		% H ₂ S		Prover 3/4"		
												Meter Run 3/4"		
FLOW DATA						TUBING DATA				CASING DATA				
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.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow	
1.	3/4" Choke			69		64					656		7 days	
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, Mcf/d							
1.	12.365		81	.9962	.9393	1.000	937							
2.														
3.														
4.														
5.														
NO.	P _f	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									
NO.	P _f	P _w	P _w ²	P _f ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0258$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0219$									
1.	6561	106	11,236	434,988	AOIF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 958$									
2.														
3.														
4.														
5.														
Absolute Open Flow 958 Mcf/d @ 15.025					Angle of Slope θ _____					Slope, n 0.85				
Remarks: No liquids produced														
Gas vented = 159 MCF														
Approved By Commission				Conducted By L. Schmitz				Calculated By Bill Clark				Checked By		