

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 9-2-80	
Company El Paso Exploration Co.				Connection Northwest Pipeline			
Pool So. Blanco				Formation Pictured Cliff		Unit	
Completion Date 8-17-80		Total Depth 5873'		Plug Back TD 5840'		Elevation 6630 GR	
Csg. Size 7"		WT. 20.0		Set At 3520*		Perforations: From 3195 To 3274	
Tbg. Size 1.660		WT. 2.9		Set At 3260		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual						Packer Set At 3378'	
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12	
L		H		Gg		Meter Run	
		0.670		% CO ₂		% N ₂	
				% H ₂ S		Prover	
						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.	Temp. °F	
SI							1034		1031		16 Days
1.	3/4" Choke			236		60	247				3 Hours
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	12.365		248	1.000	0.9463	1.026	2,977
2.							
3.							
4.							
5.							

NO.	P _t	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

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2 - P_w^2}{P_c^2}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$
1	1043	259	1,087,849	0.657	1.0556
2					
3					
4					
5					

Absolute Open Flow _____ 3,142 _____ Mcfd @ 15.025		Angle of Slope θ _____		Slope, n _____ 0.85	
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Remarks: *4 1/2" Liner 3386 - 5873'
No Liquids - Gas Vented - 504 MCF

Approved By Commission:	Conducted By: Lyle Nation	Calculated By: Bill Clark	Checked By:
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