

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 9-12-85			
Company El Paso Natural Gas						Connection			
Pool Blanco						Formation Mesa Verde		Unit	
Completion Date 9-12-85		Total Depth 5820		Plug Back TD 5773		Elevation 6419 GR		Farm or Lease Name Schumacher	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 5781	Perforations: From *4927 To 5658		Well No. #10A			
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 5626	Perforations: From To		Unit P	Sec. 18	Twp. 30	Rge. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	
		.690							

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							730		966		7 Days
1.		.750		305		73	305		720		3 Hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{P_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcd
1	12.365		317	.9877	.9325	1.033	3729
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 _____ 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 _r 978	P _w 956484					
NO.	P _r	P _w	P _m	P _r - P _w	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = \frac{956484}{420660}$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.8517$
1		732	535824	420660		
2						
3						
4						
5						

Absolute Open Flow 6904 Mcd @ 15.025			Angle of Slope → 75
Remarks: *4.500 Liner from 3113 to 5718			
Gas vented during test 373 MCF.			
Gas vented during test.			
Approved by Commission:	Conducted By:	Calculated By:	Checked By:
	Gabe Archibeque	Cliff Brock	kld