

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 8-7-80	
Company El Paso Natural Gas Company				Connection Northwest Pipeline Company		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 6-12-80		Total Depth 8426		Plug Back TD 8418		Elevation 7114 GR
Csg. Size 7.00	Wt. 23	d 6.366	Set At 6753	Perforations: From *5678 To 6300		Well No. #133 (MV)
Tbg. Size 1.90	Wt. 2.9	d 1.610	Set At 6526	Perforations: From To		Unit Sec. Twp. Rge. K 27 27 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 6578		County Rio Arriba
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L	H	Gg 0.67	% CO ₂	% N ₂	% H ₂ S	Prover
						Meter Run 4"
						Taps Flg.

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							1087		1147		56 Days
1.	4" X 2.75"			264		43	715		610		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	41.10	149.8	276	1.017	1.222	1.034	7912
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1159	P _c ² 1,343,281	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6487$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4550$
NO.	P _t ²	P _w	P _w ²
1	76,176	727	528,529
2			
3			
4			
5			

Absolute Open Flow <u>11,512</u> Mcfd @ 15.025		Angle of Slope θ _____	Slope, n <u>0.75</u>
Remarks: *4.500 Liner - 6604' - 8426'			
Liquid - 3.0 Bbls Oil, No Water			
Gas Vented 990 MCF			
Approved By Commission:	Conducted By: R. Hardy	Calculated By: B. Clark	Checked By: