

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 4-7-81				
Company EL PASO NATURAL GAS COMPANY				Connection EL PASO NATURAL GAS COMPANY					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 3-30-81		Total Depth 5824		Plug Back TD 5807		Elevation 6548 G.L.		Farm or Lease Name Atlantic D Com B	
Csq. Size 7.000	Wt. 20	d 6.456	Set At 3515	Perforation From *5256 To 5710		Well No. #3A			
Tiq. Size 2.375	Wt. 4.7	d 1.995	Set At 5763	Perforation From To		Unit D	Sec. 16	Twp. 30	Rge. 10
Type Well - Single - Dracohed - G.G. or G.O. Multiple Single					Packer Set At		County San Juan		
Producing Thru Tbg.		Reservoir Temp. *F 8		Mean Annual Temp. *F		Baro. Press. - P _a 12		State New Mexico	
L	H	G _v	% 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	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							362		958		8 Days
1.											
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{in}}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mscf
1							
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	XXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

NO.	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈	P ₉	P ₁₀	P ₁₁	P ₁₂	P ₁₃	P ₁₄	P ₁₅	P ₁₆	P ₁₇	P ₁₈	P ₁₉	P ₂₀
1																				
2																				
3																				
4																				
5																				

$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{P_c^2}{P_c^2 - P_w^2}$					$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{P_c^2}{P_c^2 - P_w^2}$				
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{P_c^2}{P_c^2 - P_w^2}$									

Absolute Open Flow		Mcf @ 15.025	Angle of Slope θ	Slope, n
Remarks				

Approved by Division	Conducted by Cabe Archibeque	Calculated by H. E. McAnally	Checked by
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