

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		10-04-85	
Company				Connection			
El Paso Natural Gas							
Foot		Formation		Unit			
Blanco		Mesa Verde					
Completion Date		Total Depth		Plug Back TD		Elevation	
10-04-85		4827		4808		5968 GR	
Farm or Lease Name		Turner Hughes					
Orifice Size	Orifice	Set At	Perforations:		Well No.		
7.000	20	6.456	2300	From *4420 To 4795	#13A		
Req. Size	Orifice	Set At	Perforations:		Unit Sec. Twp. Rge.		
2.375	4.7	1.995	4775	From To	E 11 27 09		
Type Well - Single - Gradenead - G.G. or G.O. Multiple				Packer Set At		County	
Single				None		San Juan	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
Tbg.		a				12	
State		New Mexico					
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps
FLOW DATA							
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Duration of Flow
SI							7 Days
1.							
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, Mld
1							
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		
$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{P_c^2}{P_c^2 - P_w^2}$					$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{P_c^2}{P_c^2 - P_w^2}$		
$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{P_c^2}{P_c^2 - P_w^2}$							
NO.	P _r	P _w	P _w	P _r - P _w			
1							
2							
3							
4							
5							
Absolute Open Flow _____ Mld @ 15.025				Angle of Slope _____		Slope, n _____	
Remarks: *4.500" Liner 2131' - 4827'.							
Approved by Commission:		Conducted By:		Calculated By:		Checked by:	
		Bill Huntington		Ed Mabe		kld	