

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 10-17-85		OCT 18 1985	
Company El Paso Natural Gas			Connection		
Pool Blanco			Formation Mesa Verde		Unit
Completion Date 10-15-85		Total Depth 5913	Plug Back TD 5905	Elevation 7106 GR	Form or Lease Name Turner Hughes
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3555	Perforations: From #5480 To 5818	
Reg. Size 2.375	Wt. 4.7	d 1.995	Set At 5793	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single			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	Gg	% 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							414		664		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, Mcfd
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

NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____			
Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope → _____ Slope, n _____	
Remarks: *4,500" Liner 3355' - 5913'.			
Approved by Commission:		Conducted By: Joe Gillentine	
		Calculated By: Ed Mabe	
		Checked By: kld	