

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 5-21-80	
Company El Paso Natural Gas Company						Connection	
Pool Blanco						Formation Mesa Verde	
Completion Date 5-9-80		Total Depth 5402		Plug Back TD		Elevation	
Farm or Lease Name Hardie D						Well No. 2A	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 5402	Perforations: From 4294 To 5376		Unit 2A	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5354	Perforations: From To		Unit Sec. Twp. Rge. F 14 28 8	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At	
Producing Thru						Baro. Press. - P _g	
Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico		County San Juan	
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							580		820		12 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 ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope $\ominus$ _____	Slope, n _____
Remarks:			
Approved By Commission:	Conducted By: J. Easley	Calculated By: C. R. Wagner	Checked By: