

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 1-30-86			
Company El Paso Natural Gas				Connection				
Pool S. Blanco				Formation Pictured Cliffs				Unit
Completion Date 1-30-86		Total Depth 3035		Plug Back TD 3025		Elevation 6278 GR		Farm or Lease Name Hardie D
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 3035	Perforations: From 2881 To 2988		Well No. #4		
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. M 12 28 08		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan		
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico
L	H	Gq	% 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									440		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

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

OIL CON. DIV

DIST. 3

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
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Remarks _____			
Approved By Commission:	Conducted By: Norman Waggoner	Calculated By: Scott H. Lindsay	Checked By: kld