

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 3-5-75	
Company Union of Texas				Connections -			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date -		Total Depth 5258		Flow Back To 5215		Elevation 5931	
Casing Size 4.5		Wt. 11.6		d 4.0		Set At 5215	
Perforations: From 4560 To 5001		Well No. 9-A					
Thg. Size 2.375		Wt. 4.7		d 1.995		Set At 5094	
Perforations: From 5094 To 5094		Unit I		Sec. 35		Twp. 31N	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At -		County San Juan		State New Mexico	
Producing Thru Tubing		Reservoir Temp. °F -		Mean Annual Temp. °F -		Baro. Press. - P _a -	
L		H		G _g .680		% CO ₂	
				% N ₂		% H ₂ S	
				Prover X		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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1.	2 x .750			144		46°	144		355		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11	-	156	1.014	1.213	1.019	2151
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	None	Mcf/bbl.
1	.2332	506	1.3143	.964	A.P.I. Gravity of Liquid Hydrocarbons		Deg.
2.					Specific Gravity Separator Gas	XXXXXX	XXXX
3.					Specific Gravity Flowing Fluid	XXXXXX	
4.					Critical Pressure	P.S.I.A.	P.S.I.A.
5.					Critical Temperature	R	R

P _c 416	P _c ² 173056	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{173056}{47031}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.6568$
NO.	P _t ²	P _w	P _w ²
1	24336	355	126025
2			
3			
4			
5			

Absolute Open Flow		5715	Mcf/d @ 15.025	Angle of Slope @	-	Slope, n
Remarks: Flow through 6" choke nipple.						

Approved By Commission:	Conducted By: EPSI	Calculated By: J. D. Hicks	Checked By:
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