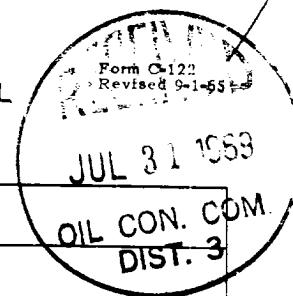


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 7-7-60	
Company Intec Oil & Gas Company				Connection Southern Union gathering	
Pool Piedmont Cliffs				Unit	
Completion Date 6-30-60		Test Depth 2555		Elevation 6038 GR	
Perforations 6.5 0.5 1.000 2555		From 2470		To 2420	
Perforations 1.375 1.7 1.040 2468		From 2460		To	
Flow Rate - Single - End - or - L.G. or - G.O. Multiple				Packer Set At	
Single				County San Juan	
State of New Mexico				State	
Prover				New Mexico	

FLOW DATA				TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	2 X		3/4"	586		583		
2.				136		60		
3.								
4.								
5.								

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{f_w P_m}$	Pressure P_m	Flow Temp. Factor F_t	Gravity Factor F_g	Super Compress. Factor F_{pv}	Rate of Flow Q, Mscf/d
1.	12.365		78	1.000	.9252	1.011	.833
2.							
3.							
4.							
5.							

NO.	P_c	Temp. °R	Q	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.L. Gravity of Liquid Hydrocarbons _____ Den.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P_c^2	P_w^2	F_v^2	$P_c^2 - P_w^2$	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0157$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0132$
1.	5184		5469	349728		
2.						
3.						
4.						
5.						

Absolute Open Flow <u>844</u>		Mscf @ 15.025	Angle of Slope θ _____	Slope, n _____
Remarks: _____				
Approved By Comm:	Conducted By:	Calculated By:	Checked By:	