

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date Dec 12, 1981	
Company Dugan Production Corp		Connection	
Pool Undesignated		Formation Chacra	
Completion Date		Total Depth	Plug Back TD
Casing Size 2 7/8		WI. 6.4#	Set At 2856
Perforations From 2474' To 2492'		Well No. #1	
Perforations From To		Unit Sec. Twp. Rge. M 29 23N R7W	
Type Well - Single - Bordenhead - G.C. or G.O. Multiple Single		Packer Set At	
Producing Thru CSG.		Baco. Press. - P _a	
Dissolved Temp. °F		Mean Annual Temp. °F	
G _g		Prover	
H		Meter Run	
C _g		Taps	
.62			
FLOW DATA		TUBING DATA	
CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size
SI			
1.	1/2" pos. choke		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	5.4315		19
2.			
3.			
4.			
5.			
NO.	P ₁	Temp. °F	Z
1			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mol/Lb.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____ XXXXXXXXXX			
Specific Gravity Flowing Fluid _____ XXXXX			
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
Critical Temperature _____ R _____ R			
P ₁ 590 P ₂ 348/100			
NO.	P ₁	P ₂	P ₁ ² - P ₂ ²
1	361	19	361
2.			
3.			
4.			
5.			
(1) $\frac{P_1^2}{P_2^2 - P_1^2} = 1.001$			
(2) $\left[\frac{P_1^2}{P_2^2 - P_1^2} \right]^n = 1.001$			
LOG = 0 $\left[\frac{P_1^2}{P_2^2 - P_1^2} \right]^n = 102$			
Absolute Open Flow 102		Mold # 15.025	Angle of Slope 40°
Slope, n .85			
Remarks: Heavy mist of foam thru out test!			
Approved by Division		Conducted by	Calculated by