

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date	
Company		Dugan Production		Connection				Feb 10, 1982	
Pool		W. Idcat		Formation		Chacra		Unit	
Completion Date		1-30-82		Total Depth		2860'		Plug Back TD	
2630'		Elevation		7180'		Form or Lease Name		Kinsale	
Csg. Size		2 7/8		Set At		2858'		Perforations	
From		2440'		To		2455'		Well No.	
1		Perforations		From		To		Unit	
P		26		23N		7W		Sec.	
Type Well		Single		Packer Set At		County		Sandoval	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State	
New Mexico		G _g		% 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.	
SI		1 1/2"		positive choke				407	
1.								2	
2.								65°	
3.									
4.									
5.									
RATE OF FLOW CALCULATIONS									
NO.		Coefficient (24 Hour)		$\sqrt{h_w P_m}$		Pressure P _m		Flow Temp. Factor F _t	
1		5.4315				14		9952	
2.								9608	
3.								1.000	
4.									
5.									
NO.		P _f		Temp. °R		T _f		Z	
1		419		175.561					
2.									
3.									
4.									
5.									
G _g Liquid Hydrocarbon Ratio		A.P.I. Gravity of Liquid Hydrocarbons		Specific Gravity Separator Gas		Specific Gravity Flowing Fluid		Critical Pressure	
XXXXXXX		XXXXXX		XXXXXX		XXXXXX		P.S.I.A.	
Critical Temperature		R		R		R		R	
P _c		P _w		P _f		P _c - P _w		(1) $\frac{P_c^2}{P_f^2 - P_w^2} = 1.001$	
1		196		196		175.365		(2) $\left[\frac{P_c^2}{P_f^2 - P_w^2} \right]^n = 1.0008$	
2.									
3.									
4.									
5.									
Absolute Open Flow		73		Mcf @ 15.025		Angle of Slope		37°	
Slope, n		.75							
Remarks: heavy mist thru-out test!									
Approved By Division		S. Anderson		Calculated By		S. Anderson		Checked By	