

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 5/7/81	
Company Supron Energy Corporation		Connection	
Well Ballard		Formation Pictured Cliffs	
Completion Date 4/30/81		Total Depth 3200	
Plug Back TD		Elevation 6705 G	
Well No. 13		Farm or Lease Name Newson A	
Csg. Size 2.875		To 2724	
Well No. 13		Farm or Lease Name Newson A	
Temp. Size None		To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	
Producing Thru Casing		Reservoir Temp. °F P	
Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico		County San Juan	
L		H	
G _g est. .650		% 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
SI			
1.			
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.3650		24
2.			
3.			
4.			
5.			
NO.	R _g	Temp. °R	T _g
1			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.L. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____ X X X X X			
Specific Gravity Flowing Fluid _____ X X X X X			
Critical Pressure _____ P.S.I.A.			
Critical Temperature _____ R			
P _c 828 P _c ² 685584			
NO.	P _w	P _w ²	P _w ² - P _c ²
1	30	878	684706
2.			
3.			
4.			
5.			
(1) $\frac{P_c^2}{P_w^2 - P_c^2} = 1.0013$			
(2) $\left[\frac{P_c^2}{P_w^2 - P_c^2} \right]^n = 1.0011$			
AOF = O $\left[\frac{P_c^2}{P_w^2 - P_c^2} \right]^n = 287$			
Absolute Open Flow 287 Mcf @ 15.025			
Angle of Slope e _____ Slope, n .85			
Remarks: Dry			
Approved By Division			
Conducted By: CRW			
Calculated By: <i>AK Kendrick</i>			
Checked By:			