

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

☒ Initial ☐ Annual ☐ Special		Test Date: 6/15/81	
Company: Supron Energy Corporation		Location:	
Well: Blanco		Mesaverde	
Completion Date: 5/27/81	Test Depth:	Flow Rate: 70	Elevation:
Field or Lease Name: Jicarilla A			
Chd. Loe: 5.50	WT: 20.00	Gr. At: 4.778	Perforations: From 5931 To 6064
Perf. Loe: 1.900	WT: 2.75	Gr. At: 1.610	Perforations: From To
Type Well - Single - Fractured - G.G. or G.O. Multiple: G - G Multiple		Recess Set At: 7899	Well No: 102
Producing From: Tubing	Hydrocarbon Temp. °F: 8	Mean Annual Temp. °F:	County: Rio Arriba
L H G		Back Press. - P _h	State: New Mexico
est. .650		% CO ₂	% H ₂
		% H ₂ S	Pressure
		Water Cut	Temp.

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Proven Line Size	Flow Line Size	Orifice, p.s.i.g.	P _h , P _h	Temp. °F	Flow, p.s.i.g.	Temp. °F	Flow, p.s.i.g.	Temp. °F	Flow
51						1135		1135		19 days
1.		.750	223		52	223	52	904		3 Hrs.
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{R.P.D.}$	Pressure P _h	Flow Temp. Factor P _L	Gravity Factor F _g	Super. Compens. Factor, F _{sp}	Rate of Flow Q, Mils
1	12.355		235	1.0078	.9608	1.0000	2814
2							2814
3.							
4.							
5.							

NO.	P _h	Temp. °F	Q	Z	Gas Liquid Hydrocarbon	Mol/Bbl.	Dep.
1					A.P.L. Gravity of Fluid		
2.					Specific Gravity of Fluid		XXXXXXX
3.					Specific Gravity of Fluid		XXXXXXX
4.					Critical Pressure	P.S.I.A.	P.S.I.A.
5.					Critical Temperature	R	R

NO.	P _h	P _L	P _h	P _h ² - P _L ²	(1) $\frac{P_h^2}{P_h^2 - P_L^2} =$	(2) $\left[\frac{P_h^2}{P_h^2 - P_L^2} \right]^2 =$
1		976	839056	176553	2.7607	2.3706
2						
3						
4						
5						

Absolute Open Flow: 6671 Title # 15.025 Angle of Slope: -75
Remarks: Possible downhole freezing.

Approved By: Division	Conducted By:	Collected By:	Checked By:
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