

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12/1/81	
Company Supron Energy Corp.				Connection Southern Union Gathering Co.		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 10/24/81		Total Depth 6956		Plug Back TD 6904		Elevation 5938
Farm or Lease Name Taliaferro						
Csg. Size 4.500	Wt. 10.50	d 4.052	Set At 6944	Perforations: From 4546 To 4739		Well No. 3-E
Tbg. Size No Tubing	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. 0 31 31N 12W
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 6734		County San Juan
Producing Thru Casing		Reservoir Temp. °F		Mean Annual Temp. °F		State New Mexico
L 4536	H	Gg 0.650	% 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	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	2"		3/4"						211		14 Days
1.									-0-		3 Hours
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		-0-				-0-
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

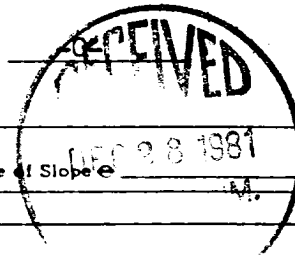
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1			-0-	49,729
2				
3				
4				
5				

P_c 223 P_c² 49,729

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0000$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0000$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$



Absolute Open Flow _____ -0- _____ Mcfd @ 15.025	Angle of Slope _____	Slope, n _____ 0.75
Remarks: _____		

Approved By Division	Conducted By: Mike Smith	Calculated By: Ken Roddy	Checked By:
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