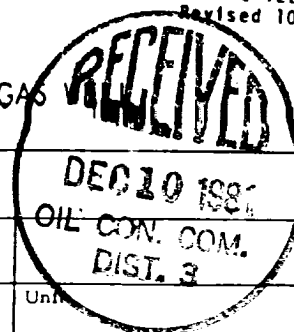


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 11-26-81	
Company SUPRON ENERGY CORPORATION			Connection Southern Union Gathering Company		
Pool Aztec Extension			Formation Fruitland		Unit
Completion Date 11-10-81		Total Depth 6403	Plug back TD 6357	Elevation 5557	Farm or Lease Name Summit
Csg. Size 4.500	Wt. 10.50	d 4.052	Set At 6401	Perforations: From 1414 To 1428	Well No. 6-E
Tbg. Size No Tubing	Wt.	d	Set At	Perforations: From To	Unit Sec. Twp. Rge. F 33 29N 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 6092	County San Juan
Producing Thru Casing		Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _a 12	State New Mexico
L 1404	H	Cg 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"						476		7 days
1.									182	64°	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		194	0.9962	0.9608	1.019	2340
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	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
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

P _c 488	P _c ² 238,144				(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2190$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1833$
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²		
1			42,779	195,365		
2						
3						
4						
5						

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2769$$

Absolute Open Flow 2769 Mcfd @ 15.025 Angle of Slope 0 Slope, n 0.85

Remarks:

Approved By Division	Conducted By: Cliff Gates	Calculated By: Kenneth E. Roddu	Checked By:
----------------------	------------------------------	------------------------------------	-------------