

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4/4/80			
Company Supron Energy Corporation				Connection Southern Union Gathering Co.					
Pool Aztec Extension				Formation Fruitland				Unit	
Completion Date 3/22/80		Total Depth 1657		Plug Back TD 1646		Elevation 5654		Farm or Lease Name Summit	
Csg. Size 2.875	Wt. 6.50	d 2.441	Set At 1657	Perforations: From 1520 To 1531		Well No. 8			
Tub. Size No tubing was run	Wt. No tubing was run	d No tubing was run	Set At No tubing was run	Perforations: From To		Unit K	Sec. 34	Twp. 29N	Hgt. 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At ----		County San Juan	
Producing Thru Casing		Reservoir Temp. °F @		Mean Annual Temp. °F @		Baro. Press. - P _a 12		State New Mexico	
L 1508	H	G _g 0.620	% 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"						452		7 days
1.									69	59°	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		81	1.0010	0.9837	1.000	986
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
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

P _c 464	P _c ² 215,296	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0413$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1021$
NO.	P _w	P _w ²	P _c ² - P _w ²
1		8538	206,758
2			
3			
4			
5			

Absolute Open Flow 1021	Mcf/d @ 15.025	Angle of Slope θ	Slope, n 0.85
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Remarks:			
Approved by Commission:	Conducted By:	Calculated By:	Checked By:
	Clifton Gates	Kenneth E. Roddy	

