STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 11-23-81	
Company: SUPRON ENERGY CORPORATION		Connection: Southern Union Gathering Company		
Pool: Undesignated		Formation: Fruitland		Unit
Completion Date: 11-9-81	Total Depth: 6890	Plug Back TD: 6840	Elevation: 5998	Farm or Lease Name: Reid "A"
Csg. Size: 4.500 / Wt.: 10.50 / d: 4.052 / Set At: 6884		Perforations: From 1850 To 1860		Well No.: 2-E
Tbg. Size: No Tubing / Wt. / d / Set At		Perforations: From To		Unit: D / Sec.: 1 / Twp.: 30N / Rge.: 13W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual - Gas - Gas		Packer Set At: 6633		County: San Juan
Producing Thru: Casing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a: 12	State: New Mexico
L: 1840	H	Gg: 0.650	% CO_2	% N_2 / % H_2S / Prover / Meter Run / Taps

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	2"	3/4"						640		7 days
1.								91	62°	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		103	0.9981	0.9608	1.000	1221
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED
DEC 2 1981
OIL CON. COM.
DIST. 3

P_c 652 P_c^2 425,104

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1			12,454	412,650
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0302$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0256$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1252$

Absolute Open Flow 1252 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n 0.85

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Mike Smith	Kenneth E. Roddy	