OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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: 11-29-79	
Company: SUPRON ENERGY CORPORATION	Connection: Gas Company of New Mexico			
Pool: Blanco	Formation: Mesaverde		Unit	
Completion Date: 11-14-79	Total Depth: 6161	Plug Back TD: 6067	Elevation: 7087 R.K.B.	Farm or Lease Name: Jicarilla "D"
Csg. Size: 7.000 / 4.500 — Wt.: 23.00 / 10.50 — d — Set At: 4067 / 3859-6100		Perforations: From 5880 To 5955		Well No.: 17
Tbg. Size: 2.0625 — Wt.: 3.25 — d: 1.750 — Set At: 5902		Perforations: From No Perforations To		Unit: D — Sec.: 29 — Twp.: 26N — Rge.: 3W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: -----		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a: 12	State: New Mexico
L: 5890 — 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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	2"	3/4"				834		835		7 days
1.						63	53°	372		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		75	1.0068	0.9608	1.000	897
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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 847 — P_c^2 717,409

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		384	147,456	569,953
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2587$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1883$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1066$

RECEIVED
DEC 6 1979
OIL CONSERVATION DIVISION

Absolute Open Flow 1066 Mcfd @ 15.025 — Angle of Slope θ _____ — Slope, n 0.75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Leroy Tafoya	Kenneth E. Roddy	