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: 1-11-80	
Company: SUPRON ENERGY CORPORATION	Connection: Gas Company of New Mexico			
Pool: Blanco	Formation: Mesaverde		Unit	
Completion Date: 1-3-80	Total Depth: 6058	Plug Back TD: 6027	Elevation: 7135	Farm or Lease Name: Jicarilla "B"
Csg. Size: 5.500 / Wt.: 15.50 / d: 4.950 / Set At: 6058		Perforations: From 5730 To 5974		Well No.: 13
Tbg. Size: 2.0625 / Wt.: 3.25 / d: 1.750 / Set At: 5890		Perforations: From NO PERFORATIONS		Unit: M / Sec.: 36 / Twp.: 26-N / Rge.: 4-W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual - Gas - Gas		Packer Set At: 5626		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F: 0	Mean Annual Temp. °F	Baro. Press. – P_a: 12	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
5878		0.650						

	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"				1086				7 days
1.						102	57°			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		114	1.0029	0.9608	1.010	1372
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 1098 P_c^2 1,205,604

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1			93,169	1,112,435
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0838$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0622$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1457$

JAN 22 1980

Absolute Open Flow 1457 Mcfd @ 15.025 | Angle of Slope ↔ _____ | Slope, n 0.75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Jerry Lowrey	Kenneth E. Roddy	