NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 2-8-79	
Company: SUPRON ENERGY CORPORATION			Connection: El Paso Natural Gas Company		
Pool: Blanco			Formation: Mesaverde		Unit
Completion Date: 1-27-79	Total Depth: 4711		Plug Back TD: 4672	Elevation: 6112	Farm or Lease Name: Navajo Indian
Csg. Size: 5.500 / Wt.: 15.50 / d: 4.950 / Set At: 4709			Perforations: From 4201 To 4500		Well No.: 6-A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 4237			Perforations: From ---------- To -----		Unit: L / Sec.: 6 / Twp.: 26N / Rge.: 8W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single - Gas			Packer Set At: -----		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F: 0	Mean Annual Temp. °F:	Baro. Press. – P_a: 12		State: New Mexico
L: 4223	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"				602		602		7 days
1.							51	72°	427		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		63	0.9887	0.9608	1.0000	740
2.							
3.							
4.							
5.							

NO.	P_r	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 614 P_c^2 376,996

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		449	201,601	175,395
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1494$ (2) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.7751$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1314$

Absolute Open Flow 1314 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n 0.75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	John C. Rector	John C. Rector	