STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test	Test Date
[X] Initial [ ] Annual [ ] Special	9/3/81

Company	Connection	
Supron Energy Corporation		
Pool	**Formation**	**Unit**
Ballard	Pictured Cliffs	

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
8/27/81	3077	3068	6998 G	Newsom A

Csg. Size	Wt.	d	Set At	Perforations:	Well No.
2.375	6.4	2.441	3084	From 2928 To 2958	14

Tbg. Size	Wt.	d	Set At	Perforations:	Unit	Sec.	Twp.	Rge.
None				From To	E B		10-26N	-8W

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At	County
Single		San Juan

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
Casing	8			New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		est. .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								692		7 days
1.		.750	32		58			32	58	3 Hrs.
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	12.365		44	1.0019	.9608	1.0000	524
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 _____ XXXXXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED
SEP 16 1981
OIL CON. COM.
DIST. 3

P_c 704 P_c^2 495616

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	1936	55	3027	492589
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0061$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0052$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 527$

Absolute Open Flow 527 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: Dry.

Approved By Division	Conducted By:	Calculated By:	Checked By:
	CRW		