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: 5/21/81	
Company: Supron Energy Corporation		Connection		
Pool: Basin		Formation: Dakota		Unit
Completion Date: 5/9/81	Total Depth: 8248	Plug Back TD	Elevation: 7158 G	Farm or Lease Name: Jicarilla A
Csg. Size: 5.500 / Wt.: 14.00 / d: 5.012 / Set At: 3788 8244		Perforations: From 8040 To 8197		Well No.: 13E
Tbg. Size: 1.900 / Wt.: 2.90 / d: 1.610 / Set At: 7934		Perforations: From To		Unit: N / Sec.: 13 / Twp.: 26N / Rge.: 4W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G - G Multiple		Packer Set At: 7916		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F: B	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico
L	H	Gg: est. .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						1651		1198 (MV)		12 days
1.		.750	124		50	124		1198 (MV)		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		136	1.0098	.9608	1.0000	1632
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

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DIST. 3

P_c 1663 P_c^2 2765569

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	18496	494	244359	2521210
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0969$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0718$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1749$

Absolute Open Flow 1749 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: Well flared - no estimate of condensate.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	CRW	Aki Kawasaki	