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: ☒ Initial ☐ Annual ☐ Special			Test Date: 5/22/81	
Company: Supron Energy Corporation	Connection			
Pool: Basin	Formation: Dakota			Unit
Completion Date: 5/8/81	Total Depth: 6700	Plug Back TD: 6666	Elevation: 5701 G	Farm or Lease Name: McCord
Csg. Size: 4.500 / Wt.: 10.50 / d: 4.052 / Set At: 6697	Perforations: From 6250 To 6420			Well No.: 7E
Tbg. Size: 1.900 / Wt.: 2.90 / d: 1.610 / Set At: 6284	Perforations: From To			Unit: P / Sec.: 4 / Twp.: 30N / Rge.: 12W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single	Packer Set At			County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State: 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						1452		1803		14 days
1.		.750	221		58	221	58	1186		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		233	1.0019	.9608	1.0000	2773
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 XXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

JUL 29 1981
OIL CON. COM.
DIST. 3

P_c 1815 P_c^2 3294225

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		1198	1435204	1859021
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.7720$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.5359$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4259$

Absolute Open Flow 4259 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Heavy fog of water throughout test.

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