

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-20-80					
Company SUPRON ENERGY CORPORATION					Connection Gas Company of New Mexico					
Pool Blanco					Formation Mesaverde					
Completion Date 3-7-80			Total Depth 8227		Plug Back TD 7925		Elevation 7321 KB		Farm or Lease Name Jicarilla "G"	
Log. Size 4.500	Wt. 11.60	d 4.000	Set At 7967	Perforations: From 5655 To 6320				Well No. 9-A		
Tbg. Size NO TUBING	Wt.	d	Set At	Perforations: From To				Unit Sec. Twp. Rye. 0 1 26-N 5-W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas					Packer Set At 7696			County Rio Arriba		
Producing Thru Casing		Reservoir Temp. °F 8		Mean. Annual Temp. °F 12		Baro. Press. - P _a 12		State New Mexico		
L 5643	H	Gg 0.650	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps		

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
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	
SI	2"		3/4"						984		7 days
1.									208	54°	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		220	1.0058	0.9608	1.022	2687
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 996	P _c ² 992,016	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0715$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0531$
NO.	P _f ²	P _w	P _w ²
1			66,168
2			925,848
3			
4			
5			

$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2830$		

Absolute Open Flow	2830	Mcf/d @ 15.025	Angle of Slope	0.75
Remarks:				

Approved By Commission:	Conducted By: LEROY TAFOYA	Calculated By: KENNETH E. RODDY	Checked By:
-------------------------	-------------------------------	------------------------------------	-------------