

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 1/30/78	
Company Supron Energy Corporation				Connection Gas Company of New Mexico		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 1/14/78		Total Depth 5900		Play Back TD		Elevation 6950 Gr.
Casing Size 7.000 4.500		WT. 23.00 10.50		Set At 6.366 4.052		Well No. 9
Perforations: From 5662 To 5726		Set At 3800 3634-5900		Perforations: From 5645 To 5652		Unit Sec. Twp. Rge. K 26 26N 4W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas					Packer Set At ---	
Producing thru Tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F		County Rio Arriba
Baro. Press. - P _a 12		State New Mexico				
L 5635	H	Gg 0.700	% CO ₂	% N ₂	% H ₂ S	Prover
Meter Run		Logs				

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F
SI	2"		3/4"				1132		1132	
1.							85	60	312	
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 F _g	Super Compress. Factor, F _{spv}	Rate of Flow Q, Mcfd
1	12.3650		97	1.000	0.9258	1.000	1110
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 1144	P _c ² 1,308,736	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0872$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0647$
NO.	P _f	P _w	P _w ²
1		324	104,976
2			
3			
4			
5			

Absolute Open Flow 1182 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n 0.75
Remarks: _____				

Approved By Commission	Conducted By: Doyal L. Parret	Calculated By: Kenneth E. Roddy	Checked By:
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