

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 1-31-79	
Company SUPRON ENERGY CORPORATION				Connection Gas Company of New Mexico		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 12-27-78		Total Depth 8337		Plug Back TD 8294		Elevation 7182 Gr.
Csg. Size 4.500	Wt. 11.88	d 4.366	Set At 3964-8337	Perforations: From 5509 To 6217		Well No. 10-A
Tbg. Size 2.0625	Wt. 3.25	d 1.750	Set At 8069	Perforations: From No Perforations To		Unit Sec. Twp. Rge. I 12 26N 5W
Type Well - Single - Broadhead - G.C. or G.O. Multiple Dual - Gas - Gas				Packer Set At 8060		County Rio Arriba
Producing Thru Casing		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L 5495	H	Gg 0.670	% 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	
Sl	2"		3/4"						906		7 days
1.									396	65°	
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		408	1.0000	0.9463	1.044	4984
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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 918	P _c ² 842,724	
NO.	P _t	P _w
1		187,398
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.2869$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6019$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2076$$

Absolute Open Flow 6019	Mcf @ 15.025	Angle of Slope @	Slope, n 0.75
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Remarks:

Approved By Commission	Conducted By John C. Rector	Calculated By John C. Rector	Checked By
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