

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 6-3-80	
Company SUPRON ENERGY CORPORATION				Connection Gas Company of New Mexico		
Pool Basin				Formation Dakota		Unit
Completion Date 4-28-80		Total Depth 7910		Plug Back TD 7897		Elevation 6874
Casing Size 5.500		WT. 15.50		ID 4.950		Set At 7910
Perforations: From 7678 To 7841		Well No. 6				
Casing Size 2.0625		WT. 3.25		ID 1.750		Set At 7613
Perforations: No Perforations		Unit Sec. Twp. Rge. L 34 26-N 4-W				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 7608		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F 12		State New Mexico
L 7603	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"				1340				14 days
1.							14	63°			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		26	0.9971	0.9608	1.000	308
2.							
3.							
4.							
5.							

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

NO.	P _c ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	1352				1.0031	1.0023
2			5697	1,822,207		
3						
4						
5						

Absolute Open Flow 309 Mcfd @ 15.025 Angle of Slope θ Slope, n 0.75

Remarks:

Approved By Commission:	Conducted By: Larry Pyshny	Calculated By: Kenneth E. Roddy	Checked By:
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