

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

Form O-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-27-80	
Company SUPRON ENERGY CORPORATION,				Connection Gas Company of New Mexico		
Pool B.S. Mesa				Formation Gallup		Unit
Completion Date 3-7-80		Total Depth 8227		Plug Back TD 7860		Elevation 7321
Casing Size 4.500		ID 4.000		Set At 7967		Perforations: From 7724 To 7732
Well No. 9-A						
Log. Size 2.375		WT. 4.70		ID 1.995		Set At 7696
Perforations: From NO PERFORATIONS		Well No. 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 Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 12		State New Mexico
L 7684	H	Cg 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"				1296				14 days
1.							105	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		117	1.0058	0.9608	1.011	1413
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

NO.	P _t ²	P _w	P _w ²	P _t ² - P _w ²	(1) $\frac{P_c^2}{P_t^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n =$
1	1308			67,519	1.0411	1.0306
2				1,643,345		
3						
4						
5						

Absolute Open Flow 1456 Mcfd @ 15.025 Angle of Slope θ _____

Remarks: _____

Approved By Commission:	Conducted By: Leroy Tafuya	Calculated By: Kenneth E. Roddy	Checked By:
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