

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

Form C-122
 Revised 9-15-75

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8/9/78			
Company SUPRON ENERGY CORPORATION				Connection Gas Company of New Mexico					
Pool Tapacito				Formation Pictured Cliffs				Unit	
Completion Date 7/22/78		Total Depth 3950		Plug Back TD 3905		Elevation 7082 Gr.		Farm or Lease Name Jicarilla "C"	
Csg. Size 4.500	Wt. 9.50	d 4.090	Set At 3950	Perforations: From 3806 To 3871				Well No. 5	
Tub. Size 1.660	Wt. 2.30	d 1.380	Set At 3819	No Perforations				Unit Sec. Twp. Rge. D 11 26N 4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas						Packer Set At -----		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L 3805	H 0.620	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Hun	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"				821		821		7 days
1.							55	50°	368		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		67	1.0098	0.9837	1.000	823
2.							
3.							
4.							
5.							

NO.	P _r	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 _____ XXXXXXXXXX
3					Specific Gravity Flowing Fluid _____ XXXXX
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 1.2628$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.2193$
1		380	144,400	549,489		
2						
3						
4						
5						

Absolute Open Flow 1003 _____ Mcf/d @ 15.025				Angle of Slope θ _____		Slope, n 0.85
Remarks: _____						

Approved By Commission	Conducted By John C. Rector	Calculated By Kenneth E. Roddy	Checked By
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