

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 5-1-80	
Company SUPRON ENERGY CORPORATION				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 4-9-80		Total Depth 6750		Plug Back TD 6707		Elevation 6027	
Casing Size 5.500		WT. 15.50		Set At 4.950		Perforations: From 4323 To 4468	
Tubg. Size 2.0625		WT. 3.25		Set At 4431		Perforations: From 4425 To 4431	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas						Packer Set At 6336	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a 12	
L 4415		H		G _g 0.650		% CO ₂ % N ₂ % H ₂ S Prover	
Meter Run		Taps		County San Juan			
State New Mexico							

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"				728		734		14 days
1.							64	62°	364		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		76	0.9981	0.9608	1.000	901
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 746	P _c ² 556,516	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3406$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2458$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	376	141,376	415,140
2.			
3.			
4.			
5.			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1122$

Absolute Open Flow 1122	Mcf @ 15.025	Angle of Slope @ 0.75
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Remarks:

Approved By Commission:	Conducted By: Jerry Lowrey	Calculated By: John C. Rector	Checked By:
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