

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

Form C-122
Revised 9-76

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8/8/78	
Company Supron Energy Corporation				Connection Gas Company of New Mexico		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 4/11/78		Total Depth 8030		Plug Back TD 6372		Elevation 7061 Gr.
Farm or Lease Name Jicarilla "E"						Well No. 12
Csg. Size 7.825 5.500	Wt. 26.40 15.50	d 6.969 4.950	Set At 3201 3723-6388	Perforations: From 3688 To 3700		
Tbg. Size 2.0625	Wt. 3.25	d 1.750	Set At 5580	Perforations: From NO Perforations To		Unit Sec. Twp. Rge. K 22 26N 4W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Dual - Gas - Gas					Packer Set At 5580	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		County Rio Arriba
Baro. Press. - P _a 12		State New Mexico				
L 5580	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
SI							779				7 days
1.			3/4"	100		55°	100	55°			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		112	1.0048	0.9463	1.011	1331
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
1.					Specific Gravity Separator Gas _____	XXXXXX
2.					Specific Gravity Flowing Fluid _____	XXXXX
3.					Critical Pressure _____ P.S.I.A.	P.S.I.A.
4.					Critical Temperature _____ R	R
5.						

NO.	P _c	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	791	294	86,436	539,245	1.1603	1.1179
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ 1490			
Absolute Open Flow 1490		Mcf @ 15.025	
Angle of Slope @		DIST. 3 0.75	

Approved By Commission		Conducted By: Bennie Brown	Calculated By: John C. Rector	Checked By:
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