

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

Form G-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 5-15-80	
Company SUPRON ENERGY CORPORATION				Connection Southern Union Gathering Company			
Pool Bloomfield				Formation Chacra		Unit	
Completion Date 4-30-80		Total Depth 3122		Plug Back TD 3080		Elevation 5763	
Farm or Lease Name Angel Peak				Well No. 22			
Csg. Size 4.500	Wt. 9.50	d 4.090	Set At 3122	Perforations: From 2875 To 2988		Unit Sec. Twp. Rge. M 7 28-N 10-W	
Trg. Size 2.0625	Wt. 3.25	d 1.750	Set At 2960	Perforations: From 2955 To 2960			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -----		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 12		State New Mexico	
L 2949	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"				1052		1050		7 days
1.							79	64°	430		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		91	0.9962	0.9608	1.000	1077
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 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 1062	P _c ² 1,127,844			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2095$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1532$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		442	195,364		
2					
3					
4					
5					

Absolute Open Flow 1242 Mcfd @ 15.025		Angle of Slope θ _____
Remarks: _____		

Approved by Commission:	Conducted By: David Roark	Calculated By: Kenneth E. Roddy	Checked By:
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