

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 3-24-80	
Company SUPRON ENERGY CORPORATION				Connection Southern Union Gathering Co.		
Pool Undesignated				Formation Farmington Sand		Unit
Completion Date 3-15-80		Total Depth 1650		Plug back TD 1609		Elevation 5795
Form or Lease Name Largo Federal						
Log. Size 4.500	Wt. 9.50	d 4.090	Set At 1650	Perforations: From 1527 To 1532		Well No. 3
Thq. Size 1.900	Wt. 2.76	d 1.610	Set At 1497	Perforations: From No Perforations To 		Unit Sec. Twp. Rge. C 34 29N 9W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At -----		County San Juan
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F 		State New Mexico
L 1485	H 	Gg 0.620	% 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"				565		590		9 days
1.							17	57°	132		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		29	1.0029	0.9837	1.000	354
2.							
3.							
4.							
5.							

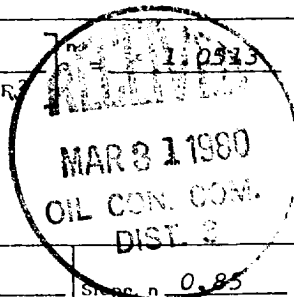
NO.	P _t	Temp. °R	T	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical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

P _c 602 P _c ² 362,404				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		144	20,736	341,668
2.				
3.				
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0607}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{372}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0607}$



Absolute Open Flow 372 Mcfd @ 15.025	Angle of Slope @ _____	Slope n 0.85
Remarks: _____		

Approved By Commission:	Conducted By: Bennie Brown	Calculated By: Kenneth E. Roddy	Checked By:
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