

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-122
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 2-27-81	
Company SUPRON ENERGY CORPORATION		Connection Gas Company of New Mexico	
Pool Blanco		Formation Mesaverde	
Completion Date 2-16-81	Total Depth 6860	Plug Back TD 6846	Elevation 6011
Cas. Size 4.500	Wt. 10.50	d 4.052	Set At 6860
Perforations From 4214	To 4793		Well No. 2-E
Thq. Size No Tubing	Wt.	d	Set At
Type Well - Single - Bronthead - G.C. or C.O. Multiple Dual - Gas - Gas		Packer Set At 6599	Form or Lease Name State Com "A"
Producing Thru Casing	Reservoir Temp. °F #	Annual Temp. °F	Baro. Press. - P _a 12
L 4204	H	Cg 0.650	% N ₂ % H ₂ S Prover Meter Run Taps
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
SI	2"		3/4"
1.			
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.3650		156
2.			
3.			
4.			
5.			
NO.	P _r	Temp. °R	T _r
1			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R			
$P_c = 953$ $P_c^2 = 908,209$ $P_r^2 = 953^2 = 908,209$ $P_r^2 - P_c^2 = 0$			
NO.	P _r	P _w	P _r ²
1			33,649
2			
3			
4			
5			
(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.0385$ (2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.0287$ $AOF = Q \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1916$			
Absolute Open Flow _____		Mcf @ 15.025	Slope, n = 0.75
Remarks:			
Approved By Division		Conducted By David Roark	Calculated By Kenneth E. Roddy
Checked By:			