

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-1-81	
Company SUPRON ENERGY CORPORATION				Connection El Paso Natural Gas Company		
Pool Basin				Formation Dakota		Unit
Completion Date 1-19-81		Total Depth 6650		Plug Back TD 6618		Elevation 5653
Csg. Size 4.500		Wt. 10.50		Set At 4.052		6650
Thg. Size 2.375		Wt. 4.70		Set At 1.995		6469
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -----		Form or Lease Name Albright
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Well No. 6-E
L 6459		H		Gg 0.670		Unit Sec. Twp. Rge. E 22 29N 10W
% CO ₂		% N ₂		% H ₂ S		County San Juan
Prover		Meter Run		Taps		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"				1141		1175		7 days
1.							45	52°	325		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow O. Mcfd
1	12.3650		57	1.0078	0.9463	1.000	672
2.							
3.							
4.							
5.							

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

NO.	P _i ²	P _w	P _w ²	P _i ² - P _w ²	(1) $\frac{P_c^2}{P_i^2 - P_w^2} = 1.0877$	(2) $\left[\frac{P_c^2}{P_i^2 - P_w^2} \right]^n = 1.0650$
1		337	113,569	1,295,400		
2.						
3.						
4.						
5.						

Absolute Open Flow 716				Mcf @ 15.025		Angle of Slope 0.75	
Remarks:							

Approved by Division	Conducted by: John Cole	Calculated by: Kenneth E. Roddy	Checked by:
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