

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 8-15-79	
Company Supron Energy Corporation				Connection Gas Company of New Mexico		
Pool South Blanco				Formation Pictured Cliffs		Unit
Completion Date 8-4-79		Total Depth 3307		Plug Back TD 3274		Elevation 6722 R.K.B.
Csg. Size 2.875		Wt. 6.50	d 2.441	Set At 3304	Perforations: From 3175 To 3236	
Tbg. Size No Tubing		Wt.	d	Set At	Perforations: From To	
Type Well - Single - Drdhead - G.G. or G.O. Multiple Single				Packer Set At ----		County Rio Arriba
Producing Thru Casing		Reservoir Temp. °F #		Mean Annual Temp. °F		State New Mexico
L 3290	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"						1014		7 days
1.									92	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, F _{pv}	Rate of Flow Q, Mcld
1	12.3650		104	1.0048	0.9837	1.000	1271
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w ²	P _t ² - P _w ²	(1) $\frac{P_c^2}{P_t^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n =$
1			17,685	1.0171	1.0144
2					
3					
4					
5					

Absolute Open Flow _____ Mcld @ 15.025		Angle of Slope _____		Slope, n _____ 0.85	
Remarks: _____					

Approved By Division	Conducted By Doual Parret	Calculated By Kenneth E. Roddu	Checked By
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