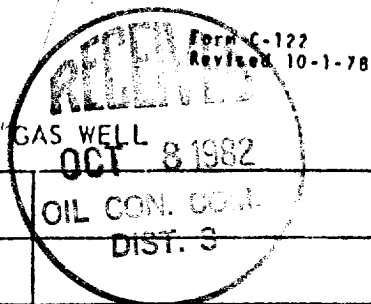




MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10-1-82	
Company Caulkins Oil Company				Connection		
Pool Blanco Mesa Verde				Formation Mesa Verde		Unit K
Completion Date 9-24-82		Total Depth 7520'		Plug Back TD 7520'		Elevation 6669 Gr.
Csg. Size 5 1/2"		Wt. 17# 15.5#		Perforations: From 5376' To 5164'		Farm or Lease Name State "B" Comm
Thq. Size 1 1/4"		Wt. 2.3# 1.380		Perforations: From 5320 To		Well No. 233-E
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Gas - Gas Multiple					Packer Set At 5405	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a
L		H		G _g		% 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							1073		1078		7 Days
1.							107		631		3 Hrs.
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 _c	Rate of Flow Q, Mcfd
1	14.1605		119	1.000	1.000	1.000	1,685
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

P _c 1090 P _c ² 1,188,100		(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 1.533$		(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 1.379$	
NO.	P _t ²	P _w ²	P _t ² - P _w ²		
1			413,449	774,651	
2					
3					
4					
5					

Absolute Open Flow 2,322 _____ Mcfd @ 15.025			Angle of Slope @ 75 _____		Slope, n _____
Remarks: _____					
Approved By Division		Conducted By:		Calculated By:	
				Checked By:	