

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 6-13-67						
Company Hess					Connection						
Pool Hess					Formation Hess						
Completion Date 6-13-67			Total Depth 2000		Plug Back TD 1500		Elevation 5000		Farm or Lease Name Hess		
Csg. Size 4 1/2"		Wt. 10.0		d 1.0		Set At 1500		Perforations: From 1500 To 1500		Well No. 3	
Tbg. Size 4 1/2"		Wt. 10.0		d 1.0		Set At 1500		Perforations: From 1500 To 1500		Unit Sec. Twp. Rge. C 17 25N 7W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple								Packer Set At 1500		County Rio Grande	
Producing Thru			Reservoir Temp. °F 80		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico		
L		H		Gg		% 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	Duration of Flow
1.											
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1.											
2.	1.235					1.000	618				
3.											
4.											
5.											
NO.	P _r	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 _____ 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						
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2156$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1205$						
1.											
2.											
3.											
4.											
5.											
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope _____ Slope, n _____						
Remarks:											
Approved By Commission:				Conducted By:				Calculated By:			
								DIST. 3 checked By:			



