

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 12/01/79		
Company DIETRICH EXPLORATION CO.				Connection			
Pool WAW				Formation PICTURED CLIFF / FRUITLAND		Unit	
Completion Date		Total Depth 1200'		Plug Back TD 1165		Elevation 6064	
Farm or Lease Name DIETRICH 28						Well No. G - 1	
Req. Size 2 7/8	Wt. 65#	d	Set At 1181	Perforations: From 1100 To 1110		Unit Sec. Twp. Rys. G 28 T26N 12W	
Trq. Size	Wt.	d	Set At	Perforations: From To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					Packer Set At		
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		Gg		Prover	
				.680		% CO ₂ % N ₂ % H ₂ S	
FLOW DATA			TUBING DATA			CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	
SI						182	
1.	2 X 6 X .75					12	
2.						46°	
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 Fpv	
1	11		24	1.014	1.213	1.0025	
2.							
3.							
4.							
5.							
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
1.	.04	506	1.314		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.		
5.					Critical Temperature _____ R		
$P_r = 194$ $P_c^2 = 37636$					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0155$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0132$		
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 330$		
1		24	576	37060			
2							
3							
4							
5							
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope @ _____ Slope, n .85		
Remarks:							
Approved by Commission		Conducted By		Calculated By		Checked By	

