

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 3/11/85	
Company Tenneco Oil Company		Connection	
Pool Basin		Formation Dakota	
Completion Date		Total Depth 6885	Plug Back TD 6842
Elevation		Farm or Lease Name Houck	
Csg. Size 7 4 1/2	wt.	Set At 3002 6883	Perforations: From 6670 To 6764
Trg. Size	wt.	Set At	Perforations: From To
Type Well - Single - Drdhead - G.G. or G.O. Multiple		Packer Set At	County San Juan
Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _a
L	H	Cg .700	% CO ₂ % N ₂ % H ₂ S
FLOW DATA		TUBING DATA	
NO.	Prover Line Size	Orifice Size	Press. p.s.i.g.
1.	2 x 6 x .75		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	Pressure P _m	Flow Temp. Factor Ft.
1.	11	128	1.010
2.			
3.			
4.			
5.			
NO.	R _f	Temp. °R	T _f
1.	.19	510	1.29
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____ X X X X X X X X			
Specific Gravity Flowing Fluid _____ X X X X X			
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
Critical Temperature _____ R _____ R			
P _c 1722 P _c ² 2965284			
NO.	P _i ²	P _w	P _w ²
1.		630	396900
2.			
3.			
4.			
5.			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1545$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1138$			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1920$			
Absolute Open Flow 1920 Mcf @ 15.025 Angle of Slope 0 Slope, n .75			
Remarks:			
Approved By Division Conducted By: Calculated By: Checked By:			