

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS

RECEIVED
FEB 27 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 2/12/85	
Company Tenneco Oil Company		Connection	
Pool Undesignated		Formation Fruitland Coal	
Completion Date		Total Depth 5250	Plug Back TD 5213
Elevation		Farm or Lease Name Florance	
Coq. Size 7 4 1/2	Wt. d	Set At 3098 5248	Perforations: From 2479 To 2688
Trg. Size 1 1/4	Wt. d	Set At 2698	Perforations: From To
Type Well - Single - Bradenhead - G.C. or G.O. Multiple		Packer Set At 2800	Well No. 5A
Producing Thru		Reservoir Temp. °F	Mean Annual Temp. °F
Baro. Press. - P _a		State New Mexico	
L	H	G _g .680	% CO ₂ % N ₂ % H ₂ S
FLOW DATA		TUBING DATA	
Casing Data		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size
SI			
1.	2 x 6 x .75		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	11		50
2.			
3.			
4.			
5.			
NO.	P _r	Temp. °R	T _r
1.	.07	502	1.30
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 447 P _c ² 199809			
NO.	P ₁ ²	P _w	P _w ²
1		214	45796
2			
3			
4			
5			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2973$			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2476$			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 849$			
Absolute Open Flow 849		Mcf @ 15.025	
Angle of Slope @		Slope, n .85	
Remarks:			
Approved by Division		Conducted By:	
Calculated By:		Checked By:	