ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

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

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 12/6/84	
Company: Tenneco Oil Company		Connection:		Unit:	
Pool: Basin		Formation: Dakota			
Completion Date	Total Depth: 7090	Plug Back TD: 7073	Elevation	Farm or Lease Name: Florance	
Csg. Size: 4 1/2 / Wt. / d / Set At: 7087		Perforations: From 6854 To 7073		Well No.: 44E	
Tbg. Size: 2 3/8 / Wt. / d / Set At: 7003		Perforations: From To		Unit: P / Sec.: 31 / Twp.: 30 / Rge.: 8	
Type Well – Single – Bradenhead – 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	State: New Mexico	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.700						

	FLOW DATA				TUBING DATA		CASING DATA		
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
SI						1385		1385		
1.	2 x 6 x .75					48		252	56	3 hours
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	11		60	1.004	1.195	1.0055	809
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.	.09	516	1.31	.989
2.				
3.				
4.				
5				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1397 P_c^2 1951609

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		264	69696	1881913
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0370$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0276$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 831$

Absolute Open Flow 831 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved by Division	Conducted By:	Calculated By:	Checked By: