NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [xx] Initial [ ] Annual [ ] Special			Test Date: 1-24-77	
Company: Tenneco Oil Company		Connection:		
Pool: Blanco		Formation: Mesa Verde		Unit:
Completion Date: 1/12/77	Total Depth: 5212'	Plug Back TD: 5180'	Elevation: 5840'	Farm or Lease Name: Florance
Csg. Size: 4½" / Wt.: 10.5# / d: / Set At: 5212'		Perforations: From 4793' To 5157'		Well No.: 45-A
Tbg. Size: 2-3/8" / Wt.: 4.7# / d: / Set At: 5127'		Perforations: From 4281' To 4746'		Unit: J / Sec.: 22 / Twp.: 30N / Rge.: 8W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None set		County: San Juan
Producing Thru: Tubing	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
		.680						

	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					547		646		
1.	2x6x0.75	207		47	207	47	547		3 Hrs.
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		219	1.013	1.213	1.0262	3038
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1.	.33	507	1.32	.9496
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 658 P_c^2 432964

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		559	312481	120483
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.5936$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.610$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 7929$

Absolute Open Flow 7929 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n 0.75

Remarks: _____

RECEIVED FEB 1977 OIL CON. COM. DIST. 3

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		J. D. Hicks	