NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 7-7-75	
Company: Tenneco Oil Company			Connection:		
Pool: Blanco Mesa Verde			Formation: Mesa Verde		Unit:
Completion Date	Total Depth: 5329		Plug Back TD: 5270	Elevation: 6130 GL	Farm or Lease Name: Florance "A"
Csg. Size: 7" & 4½" / Wt. / d / Set At: *			Perforations: From 4671 To 5205		Well No.: 39
Tbg. Size: 2 3/8" / Wt.: 4.70 / d: 1.995 / Set At: 4640			Perforations: From To		Unit: P / Sec.: 35 / Twp.: 30 / Rge.: 8
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F: @		Mean Annual Temp. °F: 60	Baro. Press. – P_a: 12.2	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
4938	4938	0.650				X		

	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					850		850		
1.	2" x 3/4"	250		60	250	60	565		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	9.450		262.2	1.000	1.240	1.027	3156.4
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio: Dry Gas Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons: Deg.
Specific Gravity Separator Gas: 0.650 XXXXXXXXX
Specific Gravity Flowing Fluid: XXXXX
Critical Pressure: 670 P.S.I.A. P.S.I.A.
Critical Temperature: 375 R R

RECEIVED SEP 8 1975 OIL CON. COM.

P_c 862.2 P_c^2 743.4

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		577.2	333.2	410.2
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8123$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.5620$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4930.2$

Absolute Open Flow: 4930.2 Mcfd @ 15.025 | Angle of Slope θ: 53° 7' | Slope, n: 0.750

Remarks: * 4½" Liner 3020 - 5329'

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Tefteller, Inc.	F. Tefteller	