NEW MEXICO OIL CONSERVATION COMMISSION

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: 12-2-76	
Company: Tenneco Oil Company			Connection		
Pool: Blanco Mesa Verde			Formation: Mesa Verde		Unit: J
Completion Date: 11-16-76	Total Depth: 5297'		Plug Back TD: 5290'	Elevation: 6082' GL	Farm or Lease Name: Riddle
Csg. Size: 4½" / Wt.: 10.5# / d: / Set At: 5296'			Perforations: From 5274' To 4986'		Well No.: 2-A
Tbg. Size: 2 3/8" / Wt.: 4.7# / d: / Set At: 5130'			Perforations: From 4894' To 4412'		Unit: J / Sec.: 17 / Twp.: 30N / Rge.: 9W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None Set		County: San Juan
Producing Thru	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. – P_a		State: New Mexico
L	H	Gg: .680	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI							659		701		
1.	2x6x.75			255		37	255	37	615	-	3 Hr.
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		267	1.023	1.213	1.035	3772
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.	.40	497	1.29	.933
2.				
3.				
4.				
5.				

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

P_c 713 P_c^2 508369

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		615	378225	130144
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.9062$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.7785$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 10481$

Absolute Open Flow 10481 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By: