STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 12-18-87	
Company: TENNECO OIL CO.			Connection		
Pool: BLANCO			Formation: PICTURED CLIFFS		Unit
Completion Date	Total Depth: 3237		Plug Back TD: 3175	Elevation	Farm or Lease Name: RIDDLE C COM
Csg. Size: 4 1/2" / Wt.: 10.5 / d: K-55 / Set At: 3237			Perforations: From 3076 To 3126		Well No.: 8
Tbg. Size: 2 3/8" / Wt.: 4.7 / d: J-55 / Set At: 3100			Perforations: From To		Unit: B / Sec.: 29 / Twp.: 31N / Rge.: 09W
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	Tape
		.650						

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					677		679		
1.	2x6x.750				289		461	57	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	11.0		301	1.003	1.240	1.030	4242
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1.	.45	517	1.39	.943
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 691 P_c^2 477481

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		473	223729	253752
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.882$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.712$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 7261$

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OIL CON. DIV.
DIST. 3

Absolute Open Flow 7261 Mcfd @ 15.025 Angle of Slope ∅ _____ Slope, n .85

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	JOEL LEE	MARK MC COOL	