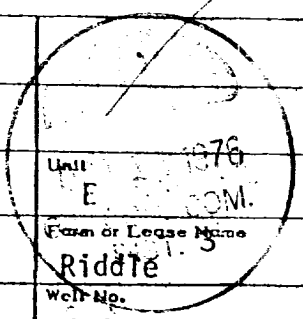


NE MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122  
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special			Test Date 8-17-76		
Company Tenneco Oil Company				Connection	
Pool Blanco			Formation Mesa Verde		Unit E
Completion Date 8/10/76		Total Depth 5130'		Plug Back TD 5080'	Elevation 5985' GL
Csg. Size 4-1/2"	Wt. 10.5#	Set At 5128'	Perforations From 3075' To 4764'		Well No. 1-A
Thq. Size 2-3/8"	Wt. 4.7#	Set At 5040'	Perforations From 4700' To 4341'		Unit Sec. Twp. Rge. E, 21, 30N, 9W
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 <sub>a</sub>	State New Mexico
L	H	Cg .680	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S
			Prover	Meter Run	Taps



FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	
1.	2x3/4			249			249	51	551		3 hours
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F <sub>sp</sub>	Rate of Flow Q, Mcfd
1.	11		261	1.009	1.213	1.031	3623
2.							
3.							
4.							
5.							

NO.	P <sub>r</sub>	Temp. *R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.3901	511	1.3273	.940	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P <sub>r</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>r</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 4.1185$	(2) $\left[ \frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 2.8911$
1.	68121	563	316969	101640		
2.						
3.						
4.						
5.						

AOF = Q  $\left[ \frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 10474$

Absolute Open Flow 10474 Mcfd @ 15.025 Angle of Slope  $\theta$  \_\_\_\_\_ Slope, n = .75

Remarks: \_\_\_\_\_

Approved By Commission: \_\_\_\_\_ Conducted By: \_\_\_\_\_ Calculated By: *[Signature]* Checked By: \_\_\_\_\_