

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Blanco Pictured Cliffs			Formation Pictured Cliffs			County San Juan		
Initial X		Annual		Special		Date of Test 8-14-1966		
Company Tenneco Oil Company			Lease Riddle			Well No. 8		
Unit 0	Sec. 7	Twp. 30	Range 9		Purchaser			
Casing 3.5	Wt.	I.D.	Set at 3090		Perf. 2972		To 2978	
Tubing	Wt.	I.D.	Set at		Perf.		To	
Gas Pay:	From	To	L	G .650	GL 1932	Bar. Press. 12.0		
Producing Through:		Casing X	Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion		Packer			Reservoir Temp. 110			

OBSERVED DATA

Producing Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps			
FLOW DATA					TUBING DATA		CASING DATA	DURATION OF FLOW HR.
	(Prover, 1 line, Size)	(Choke, Orifice, Size)	Press. psig.	Diff. hw	Temp. °F.	Press. psig.	Temp. °F.	
1.		3/4					904	3 hr.
2.							237	
3.							60	
4.								
5.								
6.								

FLOW CALCULATIONS

	Coefficient (At Hour)	$\sqrt{h_w F_t}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCF PD @ 15.025 psia
1.	12.3650		249	1.000	.9608	1.026	3029
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 P_w **3.055** ($1-e^{-S}$) **0.131** P_c **916** P_c^2 **839056**

No.	$\frac{P_w}{P_t}$ psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	Cal $\frac{P_w}{P_c}$	$\frac{P_w}{P_c}$
1.	249	62001	9254	85637	11218	73219	765837		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3273** MCFPD; n **.85** **1.0807**

COMPANY **Tenneco Oil Company** WITNESSED _____

ADDRESS **P. O. Box 1714, Durango, Colorado** COMPANY _____

AGENT AND TITLE **J. E. Massey** **J. E. Massey**
District Production Engineer

