

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

Form. C-122
Revised 12-1-55

Pool Basin Dakota				Formation Dakota				County San Juan			
Initial I		Annual		Special		Date of Test 10-6-65					
Company Tenneco Oil Co.				Lease Florance				Well No. 5			
Unit	Sec. 22	Twp. 30 N	Range 9 W		Purchaser						
Casing 4.5	Wt.	I.D.	Set at 7540		Perf. 7269		To 7501				
Tubing 2 3/8	Wt. 4.7	I.D.	Set at 7210		Perf.		To				
Gas Pay:	From	To	L	G	GL	Bar. Press.					
					.650	4687	12.0				
Producing Through:		Casing	Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual						
			I		Dual Gas ; Gas						
Date of Completion		Packer			Reservoir Temp. 182						
OBSERVED DATA											
Tested Through: ☐ Prover ☒ Check ☐ Meter ☐								Type of Taps			
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.	
No.	(Prover) (Line) Size	(Check) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.		
1.		3/4				1808		Pkr.			
2.						119	70	"		hr	
3.											
4.											
5.											
FLOW CALCULATIONS											
No.	Coefficient (24 Hour)	$\sqrt{\frac{P_w}{P_t}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _c	Rate of Flow Q-MCFPD @ 14.7 psia				
1.	12.3650		131	.9905	.960E	1.012	1560				
2.											
3.											
4.											
5.											
PRESSURE CALCULATIONS											
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____						
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____						
F = 9.402 (1-e ^{-S}) 0.289					P _c 1820 P _c ² 3312400						
RECEIVED OCT 25 1965 OIL CON. COM. DIST. 3											
No.	$\frac{P_w}{P_t}$ psia	$\frac{P_c}{P_t}$	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$		
1.	131	17.161	14.667	215.121	62.170	79301	3233069	282			
2.											
3.											
4.											
5.											

ABSOLUTE POTENTIAL: **1588** MCFPD; n **.75 (1.0182)**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

AGENT AND TITLE **J. E. Massey**