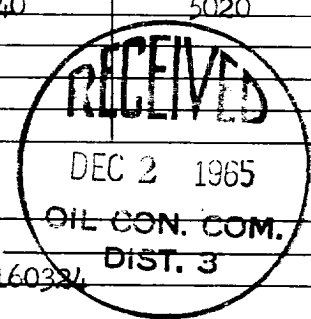


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 12-1-55

Pool Basin Dakota			Formation Dakota			County Rio Arriba			
Initial X		Annual		Special		Date of Test 11-7-65			
Company Tenneco Oil Co.			Lease Jicarilla			Well No. C-1			
Unit	Sec. 23	Twp. 26N	Range 5 W		Purchaser				
Casing 5.5	Wt. 15.5	I.D.	Set at 7686		Perf. 7369	To 7594			
Tubing 2 3/8	Wt. 4.7	I.D.	Set at 7355		Perf.	To			
Gas Pay:	From	To	L 7355	G .65	GL 4781	Bar. Press. 12.0			
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual				
Date of Completion		Packer X		Reservoir Temp. 180					
OBSERVED DATA									
Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps	
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI						2470		Pkr.	
1.		3/4				398	70	Pkr.	3 Hrs
2.									
3.									
4.									
5.									
FLOW CALCULATIONS									
No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	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		410	.9905	9608	1.040	5020		
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 _c 9.402 (1-e ^{-S}) 0.294					P _c 2482 P _c ² 6160324				
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 P _w	$\frac{P_w}{P_c}$
1.	410	168100	47.198	2227.651	654.929	823029	5337295		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: 5590 MCFPD; n .75 (1.1135)

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