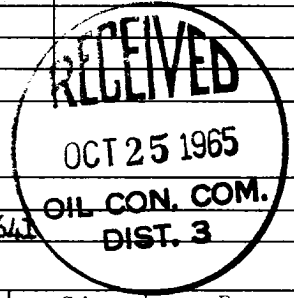


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Basin Dakota			Formation Dakota			County San Juan				
Initial X		Annual		Special		Date of Test 10-10-65				
Company Tenneco Oil Co.			Lease Onler			Well No. A-4				
Unit M	Sec. 25	Twp. 28 N	Range 10 W		Purchaser					
Casing 4.5	Wt. 10.5	I.D.	Set at 6555		Perf. 6307	To 6471				
Tubing 2.375	Wt. 4.7	I.D.	Set at 6405		Perf.	To				
Gas Pay:	From	To	L	G .650	GL	Bar. Press. 12.0				
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single					
Date of Completion		Packer		Reservoir Temp. 170						
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.	Temp. °F.	
1.		3/4				1861		1867		3 hrs
2.						577	70	1134		
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 P D @ 15,025 psia			
1.	12.3650		589	.9905	.9608	1.057	7327			
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 _____ (1-e ^{-S}) _____					P _c 1879 P _c ² 3530641					
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.	1146					1313316	2217325			
2.										
3.										
4.										
5.										



ABSOLUTE POTENTIAL: 10,387 MCFPD; n .75 (1.4177)

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