

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 8-17-65				
Company Tenneco Oil Co.			Lease Florance			Well No. 16				
Unit A	Sec. 6	Twp. 30 N	Range 9 W		Purchaser					
Casing	Wt.	I.D.	Set at		Perf. 7472		To 7690			
Tubing 2 3/8	Wt. 4.6	I.D. 1.995	Set at 7420		Perf.		To			
Gas Pay:	From	To	L	G	GL	Bar. Press.				
				.650	4825	12.0				
Producing Through:			Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Gas, Gas Dual					
Date of Completion			Packer 7420		Reservoir Temp. 208					
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				1995				3 Hrs
2.						91	60			
3.										
4.										
5.										
FLOW CALCULATIONS										
No.	Coefficient (24 Hour)	$\sqrt{h_w F_f}$	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		103	1.000	.9608	1.010	1237			
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}) 0.296					P _c 2007 P _c ² 4028049					
No.	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	P _w /P _c	
1.	103	10.609	11.303	127.758	37.816	48.119	3979930	220		
2.										
3.										
4.										
5.										

ABSOLUTE POTENTIAL: 1248 MCFPD: n .75 (1.0090)

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

