

**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 1-30-66		
Company Tenneco Oil Co.		Lease Storey C		Well No. 6-3	
Unit B	Sec. 27	Twp. 28	Range 9	Purchaser	
Casing 4.5	Wt. 10.5/11.5	I.D.	Set at 7694	Perf. 7506	To 7640
Tubing 2.375	Wt. 4.7	I.D.	Set at 7641	Perf.	To
Gas Pay:	From	To	L	G .650	GL 12.0
Producing Through:		Casing	Tubing X X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion		Packer	Reservoir Temp. 180		

OBSERVED DATA

Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.						1844		1796		
2.		3/4				323	60	983		3 Hr.
3.										
4.										
5.										

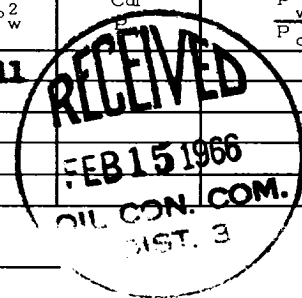
FLOW CALCULATIONS

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		335	1.000	.9608	1.035	4118
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gr. 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 **1856** P_c² **3444736**

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	$\frac{P_w}{P_c}$
1.	995					990025	2454711		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **5309** MCFPD; n **.75** **1.2893**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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

Company TENNECO OIL COMPANY Lease STOREY Well No. C-3
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date JANUARY 30, 1966

PRESSURE POUNDS PER SQUARE INCH GAUGE

