

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	
Company Tenneco Oil Co.		Lease Newberry A		Date of Test 1-23-66	
Unit K		Sec. 9		Twp. 31	
Range 12		Purchaser		Well No. #2	
Casing 4.5	Wt.	I.D.	Set at 7370	Perf. 7085	To 7267
Tubing 2.375	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G	GL
			.650		Bar. Press. 12.0
Producing Through:		Casing	Tubing X	Type Well — Single — Braden head — G.G. or G.O. Dual 195	
Date of Completion		Packer		Reservoir Temp.	

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.		
	3/4				1518		1431			
					301	60	1051		3 Hr.	

FLOW CALCULATIONS

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
12.3650		313	1.0000	.9608	1.031	3833

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_e _____ (1-e^{-S}) _____ P_c **1530** P_c² **2340900**

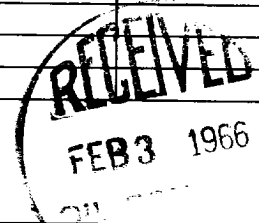
No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.	1063					1129969	1210931		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **6283** MCFPD; n **.75** **1.6394**

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 NEWBERRY Well No. A-2
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date JANUARY 23, 1966

PRESSURE POUNDS PER SQUARE INCH GAUGE

