

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

Form C-122
Revised 12-1-55

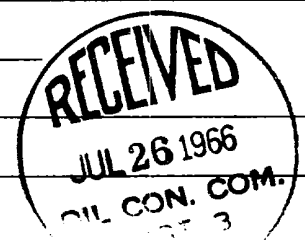
Pool Basin Dakota			Formation Dakota			County San Juan				
Initial X		Annual		Special		Date of Test 7-12-66				
Company Tenneco Oil Co.			Lease Bolack 1011			Well No. 1				
Unit I	Sec. 29	Twp. 27	Range 8		Purchaser					
Casing 4 1/2	Wt.	I.D.	Set at 6987		Perf. 6688	To 6880				
Tubing 2 3/8	Wt.	I.D.	Set at 6861		Perf.	To				
Gas Port	From	To	L	G	GL	Bar. Press. 12.0				
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single Gas					
Date of Completion		Packer		Reservoir Temp. 180						
OBSERVED DATA										
Testes 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.						1975		1836		3 Hrs.
2.		3/4				233	60	597		
3.										
4.										
5.										
FLOW CALCULATIONS										
	Coefficient (24 Hour)	$\sqrt{h_w F_t}$	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		245	1.000	.9608	1.025	2413			
2.										
3.										
4.										
5.										
PRESSURE CALCULATIONS										
Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____					
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____					
F _o _____ (1-e ^{-S}) _____					P _c 1987 P _c ² 3948169					
No.	P _w F _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.	609					370.881	3577288			
2.										
3.										
4.										
5.										

ABSOLUTE POTENTIAL: 2596 MCFPD: n .75 1.0758

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



Company TENNECO OIL COMPANY Lease BOLACK "B" Well No. 1
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date JULY 12, 1966

PRESSURE POUNDS PER SQUARE INCH GAUGE

