

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

Form C-122
Revised 12-1-55

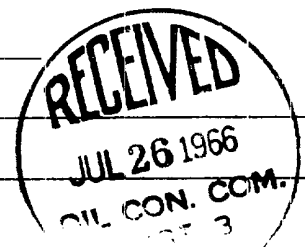
Pool Basin Dakota				Formation Dakota				County San Juan			
Initial K		Annual		Special		Date of Test 7-12-66					
Company Tenneco Oil Co.				Lease Bolack "B"				Well No. 1			
Unit I	Sec. 29	Twp. 27	Range 8		Purchaser						
Casing 4 1/2	Wt.	I.D.	Set at 6987		Perf. 6688		To 6880				
Tubing 2 3/8	Wt.	I.D.	Set at 6861		Perf.		To				
Gas Pay:	From	To	L	G	GL	Br. Press.					
					.650	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											
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.						1975		1836		5 hrs.	
2.		3/4				233	60	597			
3.											
4.											
5.											
FLOW CALCULATIONS											
No.	Coefficient 24 Hours	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q - MCF PD @ 15.25 psia				
1.	12.3650		245	1.000	.9636	1.025	241				
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 _e _____ (1-e ^{-S}) _____					P _c 1987 P _c ² 3948169						
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	Cd P _w	$\frac{P_w}{P_c}$		
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 TERNECC OIL COMPANY Lease BOLACK "B" Well No. 1
 Field EASTIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date JULY 12, 1966

Status of Well Shut in 7 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	1965	
2000	2136	0.086
4000	2269	0.067
6184	2423	0.071
6184	2445	0.071
6184 Mid-Perf	2465	0.067

PRESSURE POUNDS PER SQUARE INCH GAUGE

