

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

Form C-122

Revised 12-1-55

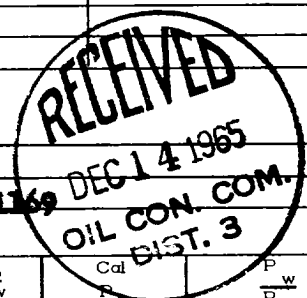
Pool Barrin Dakota			Formation Dakota			County San Juan		
Initial X		Annual		Special		Date of Test 12-6-65		
Company Tenneco Oil Co.			Lease Florance			Well No. 35		
Unit A	Sec. 18	Twp. 30N	Range 8W		Purchaser			
Casing 4 1/2	Wt.	I.D.	Set at 7745		Perf. 7488		To 7701	
Tubing 2 3/8	Wt.	I.D.	Set at 7451		Perf.		To	
Gas Pay:	From	To	L	G	GL	Bar. Press.		
				.650	4843	12.0		
Producing Through:			Casing	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual			
				X	Dual - Gas			
Date of Completion			Packer		Reservoir Temp.			
			7451					

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.	
SI						2251		Perf.		
1.		3/4				171	60			3 Hr.
2.										
3.										
4.										
5.										

FLOW CALCULATIONS							
No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	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		183	1.000	.9608	1.019	2213
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 $(1-e^{-S})$ 0.297					P_c 2263 P_c^2 521169				

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	$P_c^2 - P_w^2$	$\frac{Cal}{P_w}$	$\frac{P}{P_c}$
1.	183	33489	20807	432.931	128.581	162.070	4959099	403	
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **2267** MCFPD: n **.75 (1.9244)**

COMPANY **Tenneco Oil Company** WITNESSED _____

ADDRESS **P. O. Box 1714, Durango, Colo.** COMPANY _____

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

Company TENNECC OIL COMPANY Lease FLORANCE Well No. 35
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date DECEMBER 6, 1965

Status of Well **Shut in 13 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	2251	
2000	2366	0.058
4000	2478	0.056
6800	2624	0.052
7100	2641	0.056
7400	2658	0.056
7594 Mid-Perf	2669	0.056

PRESSURE POUNDS PER SQUARE INCH GAUGE

