

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

Form C-122

Revised 12-1-55

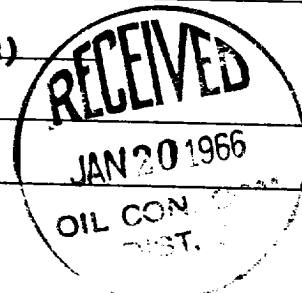
Pool Basin Dakota				Formation Dakota				County Rio Arriba			
Initial X		Annual		Special		Date of Test 12-29-65					
Company Tenneco Oil Co.				Lease Jicarilla A				Well No. 35			
Unit G	Sec. 20	Twp. 26 N		Range 5 W		Purchaser					
Casing 5-5	Wt.	I.D.	Set at 7600		Perf. 7273	To 7497					
Tubing 2 1/16	Wt.	I.D.	Set at 7250		Perf.	To					
Gas Pay:		From	To	L	G	GL	Bar. Press.				
		Casing	Tubing	.650		4713	12.0				
Producing Through:				X		Type Well - Single - Braden head - G.G. or G.O. Dual					
Date of Completion				Packer		Reservoir Temp. 170					
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.		3/4				2389		Bar.			
2.						265	60	"		3 Hrs.	
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 P D @ 15.025 psia				
1.	12.3650		277	1.000	.9608	1.029	3388				
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 13.239 (1-e ^{-S}) 0.290					P _c 2401 P _c ² 5764801						
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.	277	76.279	44.855	2011.881	583.445	659.724	5105077	812			
2.											
3.											
4.											
5.											

ABSOLUTE POTENTIAL: **3711** MCFPD; n **.75 (1.0953)**

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 JICARILLA Well No. A-5
 Field BASIN DAKOTA County RIO ARriba State NEW MEXICO
 Formation DAKOTA Test Date DECEMBER 29, 1965

