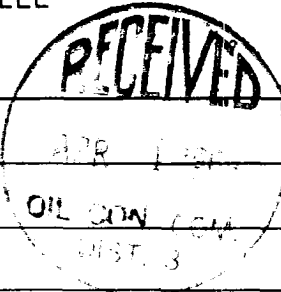


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 3-10-69	
Company Tenneco Oil Company				Connection	
Pool Pictured Cliffs				Formation Pictured Cliffs	
Completion Date		Total Depth 2465		Plug Back TD 2419	
				Elevation 5646	
Farm or Lease Name Jacquez Com. #7				Well No.	
Csg. Size 3.5	Wt. 7.7	d	Set At 2453	Perforations: From 2338 To 2356	
Thq. Size	Wt.	d	Set At	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru Casing		Reservoir Temp. °F		Mean Annual Temp. °F	
Baro. Press. - P _a 12.0				County San Juan	
State New Mexico				Unit Sec. Twp. Rge. M 25 30 9	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press, p.s.i.g.	Temp. °F	
SI									981		
1.	2 x 3/4								115	60	3 hrs
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		127	1.000	.9608	1.012	1521
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 993	P _c ² 986049			
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		135	18396	967653
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0190}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0161}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1545}$

Absolute Open Flow 1545 Mcfd @ 15.025	Angle of Slope @ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By:
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EFTELLER, INC.

reservoir engineering data
MIDLAND, TEXAS

Page 4 of 6
File 2-3049-AOF

Company TENNECO OIL COMPANY Lease JACQUES COM. Well No. A-1
Field PICTURED CLIFFS County SAN JUAN State NEW MEXICO
Formation PICTURED CLIFFS Test Date MARCH 10, 1969

