

MULTIPOINT D ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8/27/87	
Company TENNECO OIL CO.		Connection	
Pool BLANCO		Formation PICTURED CLIFF	
Completion Date		Total Depth 3335	Plug Back TD 3309
Elevation		Farm or Lease Name JACQUES	
Csg. Size 3.5	Wt. 9.2	Set At 3330	Perforations: From 3165 To 3202
Trq. Size	Wt.	Set At	Perforations: From To
Type Well - Single - Bradenhead - G.C. or G.O. Multiple		Packer Set At	County SAN JUAN
Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _a
State NEW MEXICO			
L	H	Cg .680	% CO ₂ % N ₂ % H ₂ S
Prover		Meier Run	Taps

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI									682		
1.	2x6 x .750								103	57	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	11.0		115	1.003	1.213	1.013	1559
2.							
3.							
4.							
5.							

NO.	R	Temp. °R	T _i	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbon	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure P.S.I.A.	Critical Temperature °R
1.	.172	517	1,343	.975						
2.										
3.										
4.										
5.										

NO.	P _i	P _w	P _u	P _c ² - P _w ²
1		115	13225	468411
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.028$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.024$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1596$

SEP 09 1987

RECEIVED

OIL CON. DIST. 3

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

Approved by Division	Conducted by:	Calculated by: <i>M. M. M. M.</i>	Checked by:
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