

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: 5-16-77	
Company: Tenneco Oil Company				Connection:		
Pool: Blanco				Formation: Mesa Verde		Unit:
Completion Date: 5/8/77		Total Depth: 4938'		Plug Back TD: 4900'		Elevation: 5735'
Farm or Lease Name: Jacques						
Csg. Size: 4 1/2"	Wt.: 10.5#	d:	Set At: 4936'	Perforations: From 4436' To 4763'		Well No.: 1-A
Tbg. Size: 2 3/8"	Wt.: 4.7#	d:	Set At: 4745'	Perforations: From 4048' To 4393'		Unit: P Sec. 25 Twp. 30N Rge. 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single				Packer Set At: None set		County: San Juan
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		State: New Mexico
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover
		.680				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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							618		852
1.	2x6x0.75			260		60	260	60	731
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		272	1.000	1.213	1.0303	3739
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	.4066	520	1.3506	.942	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X 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 864	P _c ² 746496	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.8390$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.7426$
NO.	P _t ²	P _w	P _w ²
1		743	552049
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 10255$	
Absolute Open Flow: 10255 Mcfd @ 15.025	Angle of Slope θ : _____ Slope, n: .75

Remarks:			
Approved By Commission:	Conducted By:	Calculated By: K. Jenkins	Checked By: