

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 3-8-77			
Company Tenneco Oil Company				Connection					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 2/24/77		Total Depth 5570'		Plug Back TD 5519'		Elevation 6297'		Farm or Lease Name Florance	
Csg. Size 4 1/2"	Wt. 10.5#	d	Set At 5564'	Perforations: From 5501' To 5126'		Well No. 35-A			
Tbg. Size 2-3/8"	Wt. 4.7#	d	Set At 5488'	Perforations: From 5070' To 4556'		Unit Sec. Twp. Rye. 0 18 30N 8W			
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		Baro. Press. - P _a		State New Mexico	
L	H	Gg .680	% 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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							691		921	
1.	2X6X.750			319		50	319	50	833	-
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		331	1.010	1.213	1.0750	4795
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1	0.86	510	1.32	.8654	A.P.I. Gravity of Liquid Hydrocarbon	Deg.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1		845	714025	156464
2				
3				
4				
5				

P_c 933 P_c² 870489

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.5635$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 17370$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.6225$

Absolute Open Flow	17370	Mcf/d @ 15.025	Angle of Slope @	Slope, n .75
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Remarks:			
Approved By Commission:	Conducted By:	Calculated By: J. D. Hicks	Checked By: