

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

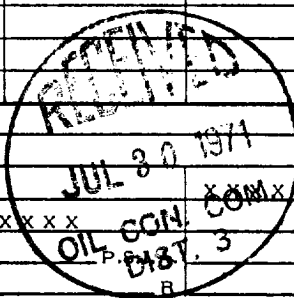
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6-26-71					
Company Tenneco Oil Co.					Connection					
Pool Basin Dakota					Formation Dakota					
Completion Date			Total Depth		Plug Back TD 7368		Elevation		Farm or Lease Name Prichard	
Csg. Size 4.5	Wt. 10.5	d	Set At 7372	Perforations: From 7203 To 7357				Well No. 5		
Tbg. Size 2.375	Wt. 4.7	d	Set At 7134	Perforations: From To				Unit 34	Sec. 31	Twp. 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At			County San Juan		
Producing Thru Tbg		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico		
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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							1864		1867		
1.	2 x		3/4				103	60	355		3 Hours
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		115	1.000	.9608		1360
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.
5.					Critical Temperature	R



P _c 1877	P _c ² 3530641	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0396$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0297$
NO	P _t ²	P _w	P _w ²
1		367	134689
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1400$

Absolute Open Flow	1400	Mcf/d @ 15.025	Angle of Slope @	Slope, n .75
Remarks:				

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By:
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