

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 12-29-76	
Company Tenneco Oil Company				Connection	
Pool Basin				Formation Dakota	
Completion Date 12-20-76		Total Depth 6154'		Plug Back TD 6112'	
Elevation 6337'		Farm or Lease Name Canyon			
Csq. Size 5 1/2"	Wt. 15.5#	d 6154	Set At 6154	Perforations: From 6072' To 6069'	
Thq. Size 2-3/8"	Wt. 10.5#	d 6000	Set At 6000	Perforations: From 6018' To 6006'	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None Set	
Producing Thru Tubing		Reservoir Temp. °F @		Baro. Press. - P _g New Mexico	
L	H	Gg .700	% 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							1930		1930		
1.	2x6x.75			230		55	230	55	422		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11		242	1.005	1.195	1.0309	3296
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	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 1942	P _c ² 3771364	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0526$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0392$
NO	P _c ²	P _w	P _w ²
1		434	188356
2			
3			
4			
5			

Absolute Open Flow 3425 Mcfd @ 15.025		Angle of Slope 75	
Remarks: _____			

Approved By Commission:	Conducted By:	Calculated By: J. D. Hicks	Checked By:
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