

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		Unit
Completion Date 12-19-76		Total Depth 6240'		Plug Back TD 6170'		Elevation 6583'
Csq. Size 5 1/2"	Wt. 15.5#	d 	Set At 6240'	Perforations: From 6072' To 6118'		Well No. 2
Tbg. Size 2-3/8"	Wt. 4.7#	d 	Set At 6120'	Perforations: From To		Unit Sec. Twp. Rge. D, 19, 25N, 10W
Type Well - Single - Bradenhead - C.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 .70	% 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							1995		1995	
1.	2x6x.75			270		58	270	58	466	
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, F _{pv}	Rate of Flow Q, Mcfd
1	11		282	1.002	1.195	1.0355	3846
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.42	518	1.31	.9326	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 2007	P _c ² 4028049	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0601$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0448$
NO	P _t ²	P _w	P _w ²
1		478	228484
2			3799565
3			
4			
5			

Absolute Open Flow 4018 Mcfd @ 15.025		Angle of Slope 0.75
Remarks:		

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