

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 1-7-67	
Company Tenneco Oil Co.				Connection			
Pool Basin Dakota				Formation Dakota		Unit	
Completion Date		Total Depth		Plug Back TD 6692		Elevation 5989	
Farm or Lease Name Dawson Fed.							
Csq. Size 4.5	Wt. d	Set At 6739	Perforations: From 6538 To 6670		Well No. 1		
Tbg. Size 2.375	Wt. d	Set At 6501	Perforations: From To		Unit D	Sec. 26	Twp. 27
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas				Packer Set At 6501		County San Juan	
Producing Thru TBG.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico							
L	H	Gq	% 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	
1.	2	x	3/8				2122	60	PKR.		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	12.3650		148	1.000	.9608	1.014	1781
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure _____ P.S.I.A.	_____ P.S.I.A.
5.					Critical Temperature _____ R	_____ R

P _c 2134	P _c ² 4553956	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0216$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0161$
NO.	P _t ²	P _w	P _w ²
1.			96209
2.			4457747
3.			
4.			
5.			

Absolute Open Flow 1810 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Neil Tefteller		J. E. Massey

TENNECO OIL COMPANY