

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 7-8-67	
Company Tenneco Oil Co.				Connection		
Pool				Formation Pictured Cliffs		Unit
Completion Date		Total Depth		Plug Back TD 2514	Elevation 5730	Farm or Lease Name Walker Com.
Csg. Size 3.5	Wt.	d	Set At 2514	Perforations: From 2439 To 2465		Well No. 1
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. P 25 30 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan
Producing Thru Csg		Reservoir Temp. °F @		Mean Annual Temp. °F		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
1.	2 x 3/4								1073		3 Hrs
2.									211	60	
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		223	1.000	.9608	1.022	2708
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 <td>Deq.</td>	Deq.
2.					Specific Gravity Separator Gas	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1085		P _c ² 1177225	
NO.	P _t ²	P _w	P _w ²
1	49729	240	57189
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0511}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2825}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0432}$

Absolute Open Flow 2825	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .85
Remarks:			
Approved By Commission:			
Conducted By:		Calculated By:	
Checked By: <i>[Signature]</i>			

Company TENNECO OIL COMPANY Lease WALKER CON. Well No. 1
 Field _____ County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date JULY 2, 1967

