

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 10-28-66	
Company Tenneco Oil Co.			Connection		
Pool Basin Dakota			Formation Dakota		Unit
Completion Date		Total Depth	Plug Back TD	Elevation	Farm or Lease Name Florance
Csq. Size 4 1/2	Wt.	d	Set At 6990	Perforations: From 6838 To 6954	Well No. 66
Tbg. Size 2 3/8	Wt.	d	Set At 6927	Perforations: From To	Unit Sec. Twp. Rge. 0 18 27 8
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	
1.	2	x	3/4				1831 396	60	2031 587		3 hr.
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		408	1.000	.9608	1.044	5057
2.							
3.							
4.							
5.							

NO.	P _t	Temp. *R	NOV Tr 3	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.			36	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.				Specific Gravity Separator Gas _____ X X 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 2043	P _c ² 4173849	P _w ² 599	P _w ² 358801	P _c ² - P _w ² 3815048	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0940$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0697$
					ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5409$	

to Open Flow **5409** Mcfd @ 15.025 Angle of Slope @ _____ Slope, n **.75**

By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: <i>J. E. Massey</i> J. E. Massey Tenneco Oil Company
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Company TENNECO OIL COMPANY Lease FLORANCE Well No. 66
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date OCTOBER 28, 1966

