

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 10-4-66	
Company Tenneco Oil Co.					Connection						
Pool Basin Dakota					Formation Dakota					Unit	
Completion Date			Total Depth		Plug Back TD 7572		Elevation 6574		Farm or Lease Name Jicarilla		
Csg. Size 5.5	Wt.	d	Set At 7580		Perforations: From 7291 To 7501			Well No. 0-3			
Tbg. Size 2 1/16	Wt.	d	Set At 7230		Perforations: From To			Unit Sec. 23 Twp. 26 Rge. 5			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas					Packer Set At			County Rio Arriba			
Producing Thru TBG		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico			
L 7230	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
SI							2269		PKR		
1.	2	X	3/4				318	60	PKR		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 Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		330	1.000	.9608	1.035	4056
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>_____ Deg.</td>	_____ Deg.
2.					Specific Gravity Separator Gas <td>XXXXXXX</td>	XXXXXXX
3.					Specific Gravity Flowing Fluid <td>XXXXXX</td>	XXXXXX
4.					Critical Pressure <td>_____ P.S.I.A.</td>	_____ P.S.I.A.
5.					Critical Temperature <td>_____ R</td>	_____ R

P_c **2281** P_c² **5202961**

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		970	942193	4260768
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2211$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1616$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4711$

Absolute Open Flow 4711 Mcfd @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: <i>[Signature]</i> J. E. Massey Tenneco Oil Company
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Company TENNECO OIL COMPANY Lease JICARILLA Well No. C-3
 Field BASIN DAKOTA County RIO ARriba State NEW MEXICO
 Formation DAKOTA Test Date OCTOBER 4, 1966

