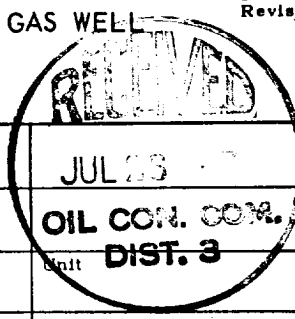


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-4-67				
Company Tenneco Oil Co.			Connection						
Pool Basin Dakota			Formation Dakota						
Completion Date		Total Depth		Plug Back TD 7713		Elevation 6218		Farm or Lease Name Moore	
Csg. Size 4.5	Wt. 	d 	Set At 7736	Perforations: From 7481 To 7682			Well No. 7		
Tbg. Size 2.375	Wt. 	d 	Set At 7658	Perforations: From To			Unit Sec. Twp. Rge. A 4 20 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	G _g	% 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							2042		2049	
1.	2 x 3/4						249	60	868	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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		261	1.000	.9608	1.026	3118
2.							
3.							
4.							
5.							

NO.	P _t	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 _____ 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 2061	P _c ² 4247721	
NO.	P _t ²	P _w
1		880
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.2221}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{3624}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1623}$$

Absolute Open Flow 3624 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
Remarks: _____		
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller
		Checked By: <i>[Signature]</i>

Company TENNECO OIL COMPANY Lease MCORE Well No. 7
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date JULY 4, 1967

