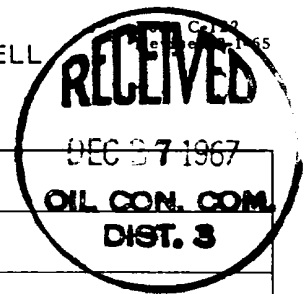


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-6-67				
Company Tenneco Oil Co.				Connection					
Pool Basin Dakota				Formation Dakota				Unit	
Completion Date		Total Depth		Plug Back TD		Elevation 6121		Farm or Lease Name Morris Com. A	
Csg. Size 4.5	Wt. d	Set At 6619	Perforations: From 6410 To 6588			Well No. 1			
Tbg. Size 2.375	Wt. d	Set At 6545	Perforations: From To			Unit Sec. Twp. Rge. L 13 27 10			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At.		County San Juan		
Producing Thru Tbg		Reservoir Temp. *F a		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.	
SI							1895		1895	
1.	2 x 3/4						474	60	1014	
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		486	1.000	.9608	1.051	6071
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 _____ 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

F _c 1907		F _c ² 3636649		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4074$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2921$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²			
1		1026	1052676	2583973			
2							
3							
4							
5							

Absolute Open Flow 7844		Mcf @ 15.025		Angle of Slope θ _____		Slope, n .75	
Remarks: _____							
Approved By Commission:		Conducted By:		Calculated By: Neil Tefteller		Checked By: <i>Grassley</i>	

Company TENNECO OIL COMPANY Lease MORRIS COM. Well No. A-1
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date DECEMBER 6, 1967

PRESSURE POUNDS PER SQUARE INCH GAUGE

