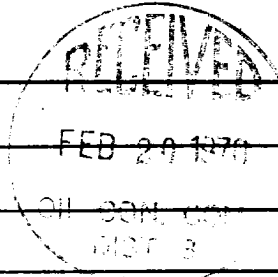


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-8-70				
Company Tenneco Oil Co.				Connection					
Pool Basin Dakota				Formation Dakota					
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name Irvin Comm	
Csg. Size	Wt.	d	Set At	Perforations: From 5806 To 5934				Well No. 1	
Tbg. Size	Wt.	d	Set At	Perforations: From To				Unit Sec. Twp. Rge. H-11-29N-13W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At 5759			County San Juan	
Producing Thru		Reservoir Temp. °F 168 @ 5700		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover X	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							2050		Pkr.		
1.	2 x 3/4						566	60	"		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 Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		578	1.000	.9608	1.062	7295
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 2062	P _c ² 4251844		
NO.	P _t ²	P _w	P _w ²
1		1204	1449006
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.5170$$

$$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 9972$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3669$$

Absolute Open Flow	9972	Mcfd @ 15.025	Angle of Slope ϕ	Slope, n .75
Remarks:				

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By:
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