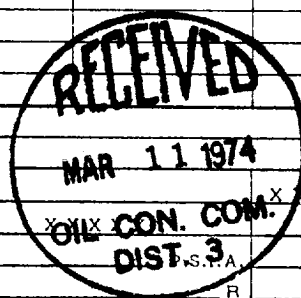


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-24-74	
Company Tenneco Oil Company				Connection		
Pool Basin Dakota				Formation Dakota		Unit
Completion Date		Total Length		Perforations 6486	Elevation	
Csg. Size 5 1/2		Wt. d	Set At 6530	Perforations: From 6344 To 6374		Well No. 3
Tbg. Size 2 7/8		Wt. d	Set At 6226	Perforations: From To		Unit Sec. Twp. Rge. 5 25N 10W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single gas				Packer Set At		County San Juan
Producing Thru Tbg.		Reservoir Temp. °F 162 @ 6200		Mean Annual Temp. °F		State New Mexico
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover X
FLOW DATA			TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
1.	6 days	2	x 3/4			
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
1	12.365		316	1.000	.9608	1.032
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 _____	
3					Specific Gravity Flowing Fluid _____	
4					Critical Pressure _____ P.S.I.A.	
5					Critical Temperature _____ R	
P _c 1707		P _w 2913849				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1250$	
1		569	323761	2590088	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1053$	
2						
3						
4						
5						
Absolute Open Flow 4282				Mcf/d @ 15.025		Angle of Slope θ
Remarks:				Slope, n .75		
Approved By Commission:		Conducted By:		Calculated By:		Checked By:
		Teffeller, Inc.		N. Teffeller		



Company TENNECO OIL COMPANY Lease HANSON Well No. 3
Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
Formation DAKOTA Test Date FEBRUARY 24, 1974

Status of Well Shut in 6 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	1671	
2000	1797	0.063
4000	1923	0.063
5600	2281	0.224
5900	2349	0.227
6200	2418	0.230
6359 Mid-Perf	2454	0.230

Datum Pressure _____ Psig

