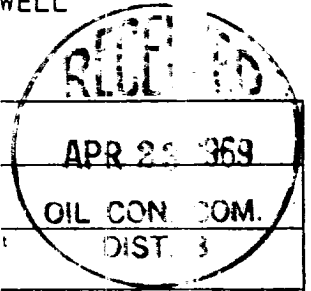


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4-14-69	
Company Tenneco Oil Co.				Connection	
Pool				Formation Fruitland	
Completion Date		Total Depth 2858		Plug Back TD 2720	
Elevation 2720		Farm or Lease Name Riddle Com.			
Csg. Size	Wt.	d	Set At	Perforations: From 2515 To 2523	
Tbg. Size	Wt.	d	Set At	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru Casing		Reservoir Temp. °F #		Mean Annual Temp. °F 12.0	
Baro. Press. - P _g 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.	Temp. °F	
SI									982		
1.	2 x 3/4								152	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		164	1.000	.9608	1.015	1978
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 994 P _c ² 988036		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0324$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0274$	
NO.	P _t ²	P _w	R _w ²	P _c ² - R _w ²	
1			30986	957050	
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2032$

Absolute Open Flow 2032 Mcfd @ 15.025		Angle of Slope @ _____		Slope, n .85	
Remarks: _____					
Approved By Commission:		Conducted By:		Calculated By: Neil Tefteller	
				Checked By:	

Company TENNECO OIL COMPANY Lease RIDDLE CCM. Well No. 3
 Field _____ County SAN JUAN State NEW MEXICO
 Formation FRUITLAND Test Date APRIL 14, 1969

Status of Well Shut in 9 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	982	
1000	1015	0.033
1919	1045	0.033
2219	1053	0.026
2519	1061	0.026

Datum Pressure _____ Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE

1600
1400
1200
1000
800
600
400
200
0

Elev. 6023 Datum _____ Ft.
 Total Depth 2720 Perf. 2515-2523 Ft.
 Tubing _____ in. to _____ Ft.
 Casing 3.5 in. to 2828 Ft.
 Casing Press. 982 Tubing Press. _____
 Oil Level _____ Water Level _____
 Temperature _____ °F @ _____ Ft.
 Element No. _____ Range _____
 Last Test Date _____
 Pressure Last Test Date _____ Psig
 B.H.P. Change _____ Psi

DEPTH FEET

0 500 1000 1500 2000 2500 3000 3500