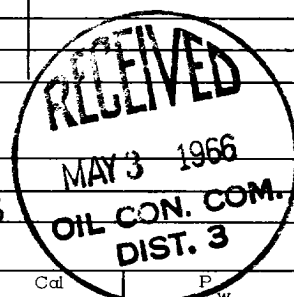


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

Revised 12-1-55

Pool Undesignated Pictured Cliffs				Formation Pictured Cliffs				County San Juan			
Initial I		Annual		Special		Date of Test 4-20-66					
Company Tenneco Oil Co.				Lease Florance				Well No. 69			
Unit C		Sec. 27		Twp. 29		Range 9		Purchaser			
Casing 3.5		Wt. 7.7		I.D. 3.068		Set at 2186		Perf. 2052		To 2070	
Tubing		Wt.		I.D.		Set at		Perf.		To	
Gas Pay:		From		To		L		G .650		GL 1334	
										Bar. Press. 12.0	
Producing Through:		Casing I		Tubing		Type Well -- Single -- Braden head -- G.G. or G.O. Dual Single					
Date of Completion				Packer				Reservoir Temp. 96			
OBSERVED DATA											
Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps			
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.	
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.		
1.		3/4						944		60	3 hrs
2.								265			
3.											
4.											
5.											
FLOW CALCULATIONS											
No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCF P D @ 15.025 psia				
1.	12.3650		277	1.000	.9608	1.029	3388				
2.											
3.											
4.											
5.											
PRESSURE CALCULATIONS											
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.						Specific Gravity Separator Gas _____					
Gravity of Liquid Hydrocarbons _____ deg.						Specific Gravity Flowing Fluid _____					
F_c 3.055 $(1-e^{-S})$ 0.092						P_c 956 P_c^2 913936					
No.	$\frac{P_w}{P_t}$ psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	Cal P_w	$\frac{P_w}{P_c}$		
1.	277	76729	10350	107123	9855	86584	827352				
2.											
3.											
4.											
5.											

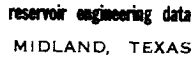


ABSOLUTE POTENTIAL: 3687 MCFPD; n .85 1.0883

COMPANY Tenneco Oil Company WITNESSED _____

ADDRESS P. O. Box 1714, Durango, Colorado COMPANY _____

AGENT AND TITLE J. E. Massey
District Production Engineer



Company TENNECO OIL COMPANY Lease FLORANCE Well No. 69
Field UNDESIGNATED PICTURED CLIFFS County SAN JUAN State NEW MEXICO
Formation PICTURED CLIFFS Test Date APRIL 20, 1966

