

File

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

Form C-122
Revised 12-1-55

Pool Elanco Pictured Cliffs				Formation Pictured Cliffs				County San Juan			
Initial X		Annual		Special		Date of Test 8-12-1966					
Company Tenneco Oil Co.				Lease Florance				Well No. 92			
Unit P	Sec. 30	Twp. 30	Range 9		Purchaser						
Casing 3.5	Wt.	I.D.	Set at 2733		Perf. 2564		To 2604				
Tubing	Wt.	I.D.	Set at		Perf.		To				
Gas Pay:	From	To	L	G .650	GL 1667	Bar. Press. 12.0					
Producing Through:		Casing X		Tubing		Type Well - Single -- Braden head -- G.G. or G.O. Dual Single					
Date of Completion		Packer		Reservoir Temp. 110							
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						1054		3 hr.	
2.								149	60		
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 _{ev}	Rate of Flow Q-MCF P.D. @ 15.25 psia				
1.	12.3650		161	1.000	.9608	1.016	1941				
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}) 0.114					P _c 1066 P _c ² 1136356						
No.	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	P _w / P _c		
1.	161	25921	5930	35165	4009	29930	1106426				
2.											
3.											
4.											
5.											

ABSOLUTE POTENTIAL: **1985** MCFPD; n **.85** **1.022 9**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

AGENT AND TITLE **J. E. Massey**
District Production Engineer

