

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

Form C-122
Revised 12-1-55

fill

Pool <u>Blanco</u> Undesignated Pictured Cliffs		Formation <u>Pictured Cliffs</u>		County <u>San Juan</u>	
Initial <u>I</u>	Annual	Special	Date of Test <u>7-15-66</u>		
Company <u>Tenneco Oil Co.</u>		Lease <u>Florence</u>		Well No. <u>70</u>	
Unit <u>B</u>	Sec. <u>23</u>	Twp. <u>30</u>	Range <u>9</u>	Purchaser	
Casing <u>3.5</u>	Wt.	I.D.	Set at <u>2888</u>	Perf. <u>2730</u>	To <u>2764</u>
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay: From To		L <u>.650</u>	G <u>1775</u>	GL <u>12.0</u>	Bar. Press.
Producing Through: Casing <u>I</u>		Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual <u>Single</u>	
Date of Completion		Packer		Reservoir Temp.	

OBSERVED DATA

OBSERVED DATA								Type of Taps	
Tested Through:		Prover ☐	Choke ☒	Meter ☐					
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						972	
2.								213	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 _{pv}	Rate of Flow Q-MCF P D @ 15.025 psia
1.	<u>12.3650</u>		<u>225</u>	<u>1.000</u>	<u>.9608</u>	<u>1.023</u>	<u>2733</u>
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}) 0.121 P_c 984 P_c² 968256

No.	P _w 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.	<u>225</u>	<u>50625</u>	<u>8349</u>	<u>69706</u>	<u>8434</u>	<u>59059</u>	<u>909197</u>		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: 2883 MCFPD: n .85 1.0549

COMPANY Tenneco Oil Company WITNESSED _____

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

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



Company TENNECO OIL COMPANY Lease FLORANCE Well No 70
 Field UNDESIGNATED PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date JULY 15, 1966



