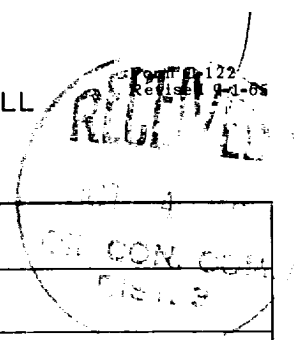


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9-25-66	
Company Tenneco Oil Co.				Connection		
Pool Blanco Pictured Cliffs				Formation Pictured Cliffs		Unit
Completion Date		Total Depth 2965		Plug Back TD 2939		Elevation
Farm or Lease Name State Com /C		Well No. X-11				
Csg. Size 3.5	Wt.	d	Set At 2965	Perforations: From 2865 To 2890		Unit Sec. Twp. Rge. N 16 30 9
Tbg. Size	Wt.	d	Set At	Perforations: From To		County San Juan
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		State New Mexico
Producing Thru		Reservoir Temp. °F 104 @ 2878		Mean Annual Temp. °F		Baro. Press. - P _a 12.0
L 2865	H	Gg .650	% 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.	
SI									723	
1.	2	x	3/4						174	
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	Rate of Flow Q, Mcfd
1	12.3550		186	1.000	.9608	1.016	2250
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 735	P _c ² 540225	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0813$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0687$
NO.	P _t ²	P _w	P _w ²
1		201	40597
2			
3			
4			
5			

Absolute Open Flow 2405 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .35
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: J. E. Massey Tenneco Oil Company

Company TENNECO OIL COMPANY Lease STATE COM. Well No. K-11
 Field BLANCO PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date SEPTEMBER 25, 1966

Status of Well **Shut in 7 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	723	
1000	743	0.020
2478	772	0.020
2678	776	0.020
2878 Mid-Perf	781	0.025

Datum Pressure _____ Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE

