

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

Form C-122

*CSF
File*

Type Test				Test Date	
☒ Initial		☐ Annual		☐ Special	
Company				Connection	
Yates Petroleum Corp				Transwestern Pipeline Co	
Pool				Unit	
Abo				Pecos Slope	
Completion Date		Total Depth		Plug Back TD	
01/18/1993		4250		4200	
				Elevation	
				3520	
Farm or Lease Name				Well No	
Cannon XF				1	
Csg Size	Wt	d	Set At	Perforations	
4.500	10.500	4.052	4250	From 3600 To 3916	
Tbg Size	Wt	d	Set At	Perforations	
2.375	4.700	1.995	3550	From 3600 To 3916	
Type Well				Packer Set At	
Single				3550	
Producing Trtn				Baro Press - Pa	
Resv Temp F				Mean Temp F	
104				62	
New Mexico					
Tubing	Gg	Gg	Prover	Meter Run	Taps
3550	3550	0.650	0.000	2.000	Flange

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO	Prover Line Size	X	Orifice Size	Press p.s.i.g.	Diff hw	Temp °F	Press p.s.i.g.	Temp °F	Press p.s.i.g.	Temp °F
SI	0.000	x	0.000	0	0.0	0	886	0		
1	2.067	x	1.375	190	13.0	97	750	62		
2	2.067	x	1.375	190	40.0	95	563	62		
3	2.067	x	1.375	173	58.4	93	377	62		
4	2.067	x	1.375	190	81.0	94	190	62		
5		x								

RATE OF FLOW CALCULATIONS							
NO	Coefficient (24 Hour)	hwPm	Pressure Pm	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress Factor, Fpv	Rate of Flow Q, Mcfd
1	10.200	51.4	203.2	0.9662	1.240	1.014	637
2	10.200	90.2	203.2	0.9679	1.240	1.014	1119
3	10.200	104.4	186.6	0.9697	1.240	1.013	1297
4	10.200	128.3	203.2	0.9688	1.240	1.014	1595
5							

NO	Pr	Temp °R	Tr	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl
1	0.31	557	1.55	0.973	0.000	
2	0.31	555	1.55	0.972	0.650	xxxxxxx
3	0.28	553	1.54	0.974	xxxxxxx	0.650
4	0.31	554	1.55	0.972	662	662
5					358	358

NO	Pc	Pc'	Pw	Pw'	Pc² - Pw²	(1) $\frac{Pc²}{Pc² - Pw²} =$	(2) $\left[\frac{Pc²}{Pc² - Pw²} \right]^n =$
1	899.2	808.6	582.5	766.4	587.4	1.754	1.538
2			332.0	589.6	347.6		
3			152.3	416.9	173.8		
4			41.3	273.5	74.8		
5							

Absolute Open Flow		Mcf @ 15.025		Angle of Slope		Slope n	
1722				0 37		0.766	

Remarks

Approved By Commission

Conducted By:

Mike Allen

Calculated By:

Andrea Carpenter

Checked By: