

CITIES SERVICE COMPANY
 STATE "CZ" NO. 1
 BOTTOM HOLE PRESSURE BUILD-TEST,
 4-POINT BACK PRESSURE TEST, & BOTTOM
 HOLE PRESSURE BUILD-UP TEST
 TABULATION OF TIMES AND PRESSURES

TEST CONDUCTED BY:
 JOHN WEST ENGINEERING COMPANY

TEST DATE: March 11 to 17, 1981
 TEST DEPTH: 11,343'
 ELEMENT NO: 34911 (0-6050 psi)
 OPERATOR: W.S.

DATE	TIME	CUM HRS. /MIN.		PSIG @ 11,343 FEET
3-11-81	9:45 A.M.			2030 Gauge reached 11,343' Flowing.
	10:15 A.M.			1456
3-11-81	10:45 A.M.	00Hrs.	00Min.	1450 Shut-In begin Build-Up
		00	15	2220
		00	30	3223
		00	45	3630
	1:45 A.M.	01	00	3865
	12:45 P.M.	02	00	3887
	1:45 P.M.	03	00	3893
	2:45 P.M.	04	00	3896
	3:45 P.M.	05	00	3899
3-11-81	8:45 P.M.	10	00	3917
3-12-81	1:45 A.M.	15	00	3939
	6:45 A.M.	20	00	3954
3-12-81	4:45 P.M.	30	00	3988
3-13-81	2:45 A.M.	40	00	4018
	12:45 P.M.	50	00	4046
3-13-81	10:45 P.M.	60	00	4073
3-14-81	8:45 A.M.	70	00	4104
3-14-81	6:45 A.M.	80	00	4134
3-15-81	4:45 A.M.	90	00	4165
3-15-81	2:45 P.M.	100	00	4192
3-16-81	12:45 A.M.	110	00	4220
3-16-81	8:45 A.M.	118	00	4241 Gauge out to change chart
3-16-81	9:45 A.M.	119	00	4244 Gauge back to 11,343'
	10:15 A.M.	00Hrs.	00Min.	4198 Begin Test
	10:30 A.M.	00	15	4122
	10:45 A.M.	00	30	4113
	11:00 A.M.	00	45	4113 END RATE I
	11:15 A.M.	01	00	4040
	11:30 A.M.	01	15	4034
	11:45 A.M.	01	30	4034 END RATE II
	12:00noon	01	45	3939
	12:15 P.M.	02	00	3920
	12:30 P.M.	02	15	3924 END RATE III
3-16-81	12:45 P.M.	02	30	3749
	1:00 P.M.	02	45	3734
	1:15 P.M.	03	00	3728 END RATE IV
	1:15 P.M.	00Hrs.	00Min.	3728
	1:30 P.M.	00	15	4198