

CITIES SERVICE COMPANY
 VILLA "B" No. 1
 BOTTOM HOLE PRESSURE BUILD-UP TEST,
 4 POINT BACK PRESSURE TEST, & BOTTOM
 HOLE PRESSURE BUILD-UP TEST
 Tabulations of Times and Pressures

TEST CONDUCTED BY:
 JOHN WEST ENGINEERING COMPANY

TEST DATE: February 5, to February 10, 1981
 TEST DEPTH: 10,960 Feet
 ELEMENT NO: 20203 (0-10,000 psi)
 OPERATOR M.C.T.

DATE	TIME	CUM, HRS. / MIN		PSIG @ 10,960 FEET
2-5-81	10:15 AM			1367 Gauge Reached 10,960 Feet Flowing
	10:45 AM			1276
2-5-81	11:15 AM	00 HRS.	00 MIN.	1276 Shut In Begin Build-Up
		00	15	3258
	11:45 AM	00	30	4658
	12:00 Noon	00	45	5995
	12:15 PM	01	00	6154
		01	30	6264
	1:15 PM	02	00	6323
		02	30	6368
	2:15 PM	03	00	6418
		03	30	6488
	3:15 PM	04	00	6577
	4:15 PM	05	00	6682
	5:15 PM	06	00	6766
	6:15 PM	07	00	6821
	7:15 PM	08	00	6866
	8:15 PM	09	00	6891
	9:15 PM	10	00	6920
2-5-81	11:15 PM	12	00	6950
2-6-81	2:15 Am	15	00	6985
	7:15 Am	20	00	7015
	12:15 PM	25	00	7030
2-6-81	5:15 PM	30	00	7040
2-7-81	3:15 AM	40	00	7055
	1:15 PM	50	00	7065
2-7-81	11:15 PM	60	00	7075
2-8-81	9:15 AM	70	00	7085 Chart ran Down
2-9-81	9:15 Am	94	00	7115 Gauge Out to Change Chart
2-9-81	10:15 Am	95	00	7120 Gauge Back to 10,960'
	10:45 Am	95	30	7120 Open Choke Begin Test
	11:00 AM	95	45	6398
	11:15 AM	96	00	5950
		96	15	5764
2-9-81	11:45 AM	96	30	5734 End Rate I
2-9-81	12:00 Noon	96	45	5497
	12:15 PM	97	00	5437
	12:30 PM	97	15	5503
	12:45 PM	97	30	5523 End Rate II
	1:00 PM	97	45	5332
	1:15 PM	98	00	5271
	1:30 PM	98	15	5271 End Rate III
	1:45 PM	98	30	5090
	2:00 PM	98	45	5045
2-9-81	2:15 PM	99	00	5065 Shut-In End Rate IV Begin Build-Up