

CITIES SERVICE COMPANY
STATE "CW" No. 1
BOTTOM HOLE PRESSURE BUILD-UP 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: JULY 16, TO JULY 20, 1980
TEST DEPTH: 11,115 FEET
ELEMENT No.: 34912
OPERATOR: W.S.

DATE	TIME	CUM. HRS. / MIN.		PSIG @ 11,115 FEET
7-16-80	10:15 AM			860 GAUGE REACHED 11,115 FEET FLOWING
	10:30 AM			665
	10:45 AM			653
7-16-80	11:00 AM	00 HRS.	00 MIN.	649 SHUT-IN; BEGIN BUILD-UP
	11:15 AM	00	15	1459
	11:30 AM	00	30	2420
	11:45 AM	00	45	3146
	12:00 NOON	01	00	3728
7-16-80	12:30 PM	01	30	3963
	1:00 PM	02	00	4044
	1:30 PM	02	30	4077
	2:00 PM	03	00	4089
	2:30 PM	03	30	4105
	3:00 PM	04	00	4121
7-16-80	4:00 PM	05	00	4137
	5:00 PM	06	00	4161
7-16-80	7:00 PM	08	00	4190
	9:00 PM	10	00	4202
7-17-80	2:00 AM	15	00	4246
	7:00 AM	20	00	4266
	12:00 NOON	25	00	4290
	5:00 PM	30	00	4298
7-18-80	3:00 AM	40	00	4327
	1:00 PM	50	00	4351
	11:00 PM	60	00	4361
7-19-80	9:00 AM	70	00	4383 GAUGE OUT; CHANGE CHARTS
7-19-80	10:00 AM			4383 GAUGE RETURNED TO 11,115 FEET
	10:15 AM	00 HRS.	00 MIN.	4383 OPEN CHOKE; BEGIN 4-POINT
	10:30 AM	00	15	4169
	10:45 AM	00	30	4141
	11:00 AM	00	45	4121
	11:15 AM	01	00	4117 END RATE I
7-19-80	11:30 AM	01	15	4028
	11:45 AM	01	30	4008
	12:00 NOON	01	0	4000