

CITIES SERVICE COMPANY

STATE "CY" WELL NO. 1

BOTTOM HOLE PRESSURE BUILD-UP TEST, PRESSURES TO
USE FOR CALCULATING 4-POINT TEST AND BUILD-UP AT END
TABULATION OF PRESSURE AND TIME

TEST CONDUCTED BY:

JOHN WEST ENGINEERING CO.

TEST DATE: JULY 21 TO 25, 1978

TEST DEPTH: 9,150 FEET

ELEMENT NO.: 34911 (0-6000 PSI)

OPER.: B.R.D.

<u>DATE</u>	<u>TIME</u>	<u>CUM, HRS./MIN.</u>		<u>PSIG @ 9,150 FEET</u>
7-21-78	10:00 AM			2667 GAUGE REACHED 9,150', FLOWING
7-21-78	10:30 AM	00 HRS.	00 MIN.	2665 SHUT-IN, BEGIN BUILD-UP
		00	15	2912
		00	30	2915
		00	45	2921
	11:30 AM	01	00	2924
	12:30 PM	02	00	2933
		03	00	2945
		04	00	2948
		06	00	2957
		08	00	2963
		10	00	2966
7-21-78	10:30 PM	12	00	2973
7-22-78	1:30 AM	15	00	2976
	6:30 AM	20	00	2982
7-22-78	4:30 PM	30	00	2994
7-23-78	2:30 AM	40	00	3000
	12:30 PM	50	00	3009
7-23-78	10:30 PM	60	00	3012
7-24-78	8:30 AM	70	00	3018
7-24-78	11:15 AM	72	45	3021 GAUGE OUT TO CHANGE CHARTS

CHART 2

7-24-78	12:00 NOON	73	30	3027 GAUGE BACK TO 9,150', BEGIN TEST
	12:15 PM	73	45	2963 11/64 CHOKE
		74	00	2991
		74	15	2991
	1:00 PM	74	30	3015 END OF RATE I
		74	45	2774 18/64 CHOKE
		75	00	2796
		75	15	2854
	2:00 PM	75	30	2851 END OF RATE II
		75	45	2729 22/64 CHOKE
		76	00	2686
		76	15	2686
	3:00 PM	76	30	2677 END OF RATE III
		76	45	2527 30/64 CHOKE
		77	00	2506
		77	15	2488
	4:00 PM	77 HRS	30 MIN.	2482 END OF RATE IV, SHUT-IN