

CITIES SERVICE COMPANY
GOVERNMENT "U" No. 1
BOTTOM HOLE PRESSURE BUILD-UP TEST,
& 4-POINT BACK PRESSURE TEST

TEST CONDUCTED BY:
JOHN WEST ENGINEERING COMPANY

TEST DATE: NOVEMBER 12, TO NOVEMBER 16, 1979
TEST DEPTH: 9170 FEET
ELEMENT No.: 34912
OPERATOR: W.S.

<u>DATE</u>	<u>TIME</u>	<u>CUM. HRS. / MIN.</u>		<u>PSIG @ 9170 FEET</u>	
11-12-79	12:00 NOON			393	GAUGE REACHED 9170'; FLOWING
	12:15 PM			388	
	12:30 PM			384	
11-12-79	12:45 PM	00 HRS.	00 MIN.	368	SHUT-IN; BEGIN BUILD-UP
	1:00 PM	00	15	665	
	1:15 PM	00	30	831	
	1:30 PM	00	45	959	
	1:45 PM	01	00	1157	
11-12-79	2:15 PM	01	30	1347	
	2:45 PM	02	00	1450	
	3:15 PM	02	30	1591	
	3:45 PM	03	00	1740	
11-12-79	4:45 PM	04	00	1922	
	6:45 PM	06	00	2188	
	8:45 PM	08	00	2306	
	10:45 PM	10	00	2669	
11-13-79	3:45 AM	15	00	3004	
	8:45 AM	20	00	3285	
	1:45 PM	25	00	3488	
	6:45 PM	30	00	3756	
11-14-79	4:45 AM	40	00	3854	
	2:45 PM	50	00	3947	
11-15-79	12:45 AM	60	00	3976	
11-15-79	9:00 AM	68	15	3988	GAUGE OUT; CHANGE CHARTS
11-15-79	10:15 AM	69	30	3988	OPEN CHOKE
	10:30 AM	69	45	3728	BEGIN 4-POINT
	10:45 AM	70	00	3488	
	11:00 AM	70	15	3358	
	11:15 AM	70	30	3285	END RATE I
11-15-79	11:30 AM	70	45	3240	
	11:45 AM	71	00	3134	
	12:00 NOON	71	15	3085	
	12:15 PM	71	30	3053	END RATE II
11-15-79	12:30 PM	71	45	2976	
	12:45 PM	72	00	2906	
	1:00 PM	72	15	2861	
	1:15 PM	72	30	2837	END RATE III