

CITIES SERVICE COMPANY
 FEDERAL "N" NO. 1
 4-POINT BACK PRESSURE TEST AND,
 BOTTOM HOLE PRESSURE BUILD-UP TEST.

TEST CONDUCTED BY:
 JOHN WEST ENGINEERING COMPANY

TEST DATE: MAY 9 to MAY 11, 1981
 TEST DEPTH: 11,420 FEET
 ELEMENT NO: 34912
 OPERATOR: M.R.

<u>DATE</u>	<u>TIME</u>	<u>CUM HRS. / MIN.</u>		<u>PSIG @ 11,420 FEET</u>
5-9-81	9:15 A.M.			4734 Gauge reached 11,420'
	9:30 A.M.	00Hrs.	00Min.	4726 Open Choke, Begin Test
	9:45 A.M.	00	15	4581
	10:00 A.M.	00	30	4560
	10:15 A.M.	00	45	4552
	10:30 A.M.	01	00	4540 End Rate I
	10:45 A.M.	01	15	4363
	11:00 A.M.	01	30	4270
	11:15 A.M.	01	45	4258 End Rate II
	11:45 A.M.	02	00	4060
	12:00 Noon	02	15	3972
	12:15 P.M.	02	30	3874
	12:30 P.M.	02	45	3650 End Rate III
5-9-81	12:30 P.M.	00	00	3650
	12:45 P.M.	00	15	4048
	1:00 P.M.	00	30	4306
	1:15 P.M.	00	45	4419
	1:30 P.M.	01	00	4504
	2:00 P.M.	01	30	4577
	2:30 P.M.	02	00	4625
	3:00 P.M.	02	30	4665
	3:30 P.M.	03	00	4698
	4:00 P.M.	03	30	4714
	4:30 P.M.	04	00	4730
	5:30 P.M.	05	00	4746
	6:30 P.M.	06	00	4754
	7:30 P.M.	07	00	4762
	8:30 P.M.	08	00	4770
	9:30 P.M.	09	00	4774
5-9-81	10:30 P.M.	10	00	4774
5-10-81	12:30 A.M.	12	00	4778
5-10-81	3:30 A.M.	15	00	4783
	8:30 A.M.	20	00	4786
5-10-81	6:30 P.M.	30	00	4790
5-11-81	5:30 A.M.	40	00	4790
5-11-81	11:30 A.M.	46	00	4790 Gauge Out, End Test.

NOTE: Dead Weight Pressure End of Test 11:30 A.M., 5-11-81 was 3300 PSIG.