

CITIES SERVICE CO.  
GOVERNMENT "AM" NO. 1  
BOTTOM HOLE PRESSURE BUILD-UP TEST  
AND 4-POINT BACK PRESSURE TEST.  
TABULATION OF TIMES AND PRESSURES

TEST CONDUCTED BY:  
JOHN WEST ENGINEERING COMPANY

TEST DATE: JANUARY 19 to 23, 1982  
TEST DEPTH: 11,139 FEET  
ELEMENT NO: 34912 (0-8000 PSI)  
OPERATOR: T.B.

<u>DATE</u>	<u>TIME</u>	<u>CUM HRS. / MIN.</u>		<u>PSIG @ 11,139 FEET</u>
1-19-82	9:30 A.M.			310 Gauge reached 11,139'
	9:45 A.M.			264 Flowing 25# PSIG
	10:00 A.M.	00 Hrs.	00 Min.	260 Shut-In, Begin Build-Up
		00	15	529
		00	30	789
		00	45	1025
	11:00 A.M.	01	00	1247
	11:30 A.M.	01	30	1584
	12:00 Noon	02	00	1885
	12:30 P.M.	02	30	2122
	1:00 P.M.	03	00	2290
		03	30	2392
	2:00 P.M.	04	00	2457
	3:00 P.M.	05	00	2539
	4:00 P.M.	06	00	2600
	5:00 P.M.	07	00	2633
	6:00 P.M.	08	00	2653
	7:00 P.M.	09	00	2678
	8:00 P.M.	10	00	2698
1-19-82	10:00 P.M.	12	00	2722
1-20-82	1:00 A.M.	15	00	2767
	6:00 A.M.	20	00	2833
	11:00 A.M.	25	00	2886
	4:00 P.M.	30	00	2935
1-20-82	9:00 P.M.	35	00	2980
1-21-82	2:00 A.M.	40	00	3024
	7:00 A.M.	45	00	3061
	12:00 Noon	50	00	3098
	5:00 P.M.	55	00	3110 Decrease
1-21-82	10:00 P.M.	60	00	3078
1-22-82	3:00 A.M.	65	00	3057
	8:00 A.M.	70	00	3053
1-22-82	9:00 A.M.	71	00	3053 Gauge out, to change charts
1-22-82	10:15 A.M.			3057 Gauge back to 11,139'
	10:45 A.M.			2992 Open Choke To Light Heater
	11:00 A.M.	00 Hrs.	00 Min.	2959 6/64 Choke
	11:15 A.M.	00	15	2776
	11:30 A.M.	00	30	2608
	11:45 A.M.	00	45	2518
	12:00 Noon	01	00	2388 End Rate I
	12:15 P.M.	01	15	2241 7.5/64 Choke
	12:30 P.M.	01	30	2073
	12:45 P.M.	01	45	1942
	1:00 P.M.	02	00	1827 End Rate II
	1:15 P.M.	02	15	1687 9/64 Choke
	1:30 P.M.	02	30	1572
	1:45 P.M.	02	45	1486
	2:00 P.M.	03	00	1399 End Rate III
	2:15 P.M.	03	15	1259 12/64 Choke
	2:30 P.M.	03	30	1148
	2:45 P.M.	03	45	1099
	3:00 P.M.	04	00	1062 End Rate IV, Shut-In