

Cities Service Company
 State "DA" No. 1
 Bottom Hole Pressure Build-up
 Tabulation of Pressure and Time

Test conducted by:
 John West Engineering Company

Test Date: 7/27-31/81
 Test Depth: 11,420 Feet
 Element No: 18449 (0-8050 psi)
 Operator: M.R.

<u>DATE</u>	<u>TIME</u>	<u>CUM.HRS./MIN.</u>		<u>PSIG @ 11,420 feet</u>
7-27-81	10:30 A.M.			2367 gauge reached 11,420 flowing
	11:00 A.M.			2355
7-27-81	11:30 A.M.	00 Hrs.	00 Min	2355 shut-in begin build-up
		00	15	3899
		00	30	4442
		01	00	4450
		02	00	4466
		03	00	4466
		04	00	4470
		05	00	4474
		10	00	4478
		15	00	4482
		20	00	4482
		30	00	4486
		40	00	4486
		50	00	4490
		60	00	4494
7-30-81	8:30 A.M.	69	00	4498 gauge out to change chart
7-30-81	9:30 A.M.	70	00	4498 gauge back to 11,420
	9:45 A.M.	70	15	4498
7-30-81	10:00 A.M.	00	00	4498 Open choke begin test 6/
	10:15 A.M.	00	15	4442
	10:30 A.M.	00	30	4434 End Rate I
	10:45 A.M.	00	45	4414 8/64 Choke
	11:00 A.M.	01	00	4422 End Rate II
	11:15 A.M.	01	15	4390 9.5/64 Choke
	11:30 A.M.	01	30	4398 End Rate III
	11:45 A.M.	01	45	4333
	12:00 Noon	02	00	4341 End Rate IV Shut-in
		00	00	
	12:15 P.M.	00	15	4486
		00	30	4494
	1:00 P.M.	01	00	4498
	2:00 P.M.	02	00	4498
	3:00 P.M.	03	00	4498
	4:00 P.M.	04	00	4498
	5:00 P.M.	05	00	4502
7-30-81	10:00 P.M.	10	00	4502
7-31-81	3:00 A.M.	15	00	4502
	8:00 A.M.	20	00	4506
7-31-81	9:30 A.M.	21	30	4506 Gauge out End Test.