

CITIES SERVICE OIL CO.
STATE "CW" WELL NO. 1

TEST CONDUCTED BY:
JOHN WEST ENGR. CO.

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

TEST DATE: NOVEMBER 12 TO 16, 1976
TEST DEPTH: 11,325 FEET
ELEMENT NO.: 11766 (0-6000 PSI)
OPER.: D.A.T.

DATE	TIME	CUM. HRS./MIN.		PSIG @ 11,325 FEET
11-12-76	1:30 PM			982 GAUGE REACHED 11,325', FLOWING
11-12-76	2:00 PM	00 HRS.	00 MIN.	960 SHUT-IN, BEGIN BUILD-UP
		00	15	1787
		00	30	2262
		00	45	2851
		01	00	3386
		01	30	4100
		02	00	4400
		03	00	4415
		04	00	4418
		06	00	4421
11-12-76	10:00 PM	08	00	4424
11-13-76	2:00 AM	12	00	4427
	10:00 AM	20	00	4433
11-13-76	8:00 PM	30	00	4436
11-14-76	6:00 AM	40	00	4439
11-14-76	4:00 PM	50	00	4439
11-15-76	2:00 AM	60	00	4442
11-15-76	10:00 AM	68	00	4442 GAUGE OUT TO CHANGE CHARTS
11-15-76	11:30 AM	69	30	4446 GAUGE BACK TO 11,325 FEET
	12:00 NOON	70	00	4415 OPEN CHOKE, LIGHT HEATER
	12:15 PM	70	15	4418 OPEN TO 11/64 CHOKE
		70	30	4203
		70	45	4149
		71	00	4152
	1:15 PM	71	15	4152 END RATE I
		71	30	3997 13/64 CHOKE
		71	45	3951
		72	00	3942
	2:15 PM	72	15	3945 END RATE II
		72	30	3699 15/64 CHOKE
		72	45	3635
		73	00	3614
	3:15 PM	73	15	3611 END RATE III
		73	30	3310 19/64 CHOKE
		73	45	3164
		74	00	3113
11-15-76	4:15 PM	74	15	3088 END RATE IV, SHUT-IN FOR B.U.
		74	30	3942
		74	45	4361
11-15-76		75	00	4364 CON'T NEXT SHEET