

CITIES SERVICE OIL COMPANY
 STATE "GV" WELL NO. 1
 BOTTOM HOLE PRESSURE BUILD-UP TEST,
 PRESSURES TO USE FOR CALCULATING 4-POINT
 BACK PRESSURE TEST AND BUILD-UP END OF TEST
 TABULATION OF PRESSURE AND TIME

TEST CONDUCTED BY:
 JOHN WEST ENGINEERING CO.

TEST DATE: FEBRUARY 7-11, 1977
 TEST DEPTH: 11,041 FEET
 ELEMENT NO.: 3534 (0-5500 PSI)
 OPER.: D.A.T. & G.J.P.

DATE	TIME	CUM. HRS./MIN.		PSIG @ 11,041 FEET
2-7-77	1:45 PM			3342 GAUGE REACHED 11,041', FLOWING
2-7-77	2:45 PM	00 HRS.	00 MIN.	3342 SHUT-IN FOR B.U., D.W. 2500 PSIG
		00	15	3655
		00	30	4006
		00	45	4242
		01	00	4302
		01	30	4373
		02	00	4393
		03	00	4436
		04	00	4439
2-7-77	7:45 PM	05	00	4442
2-8-77	12:45 AM	10	00	4442
		12	00	4444
	10:45 AM	20	00	4444
2-10-77	9:35 AM	66 HRS.	50 MIN.	4444 GAUGE OUT TO CHANGE CLOCK & CHART D.W. 3415 PSIG
		<u>CHART NO. 2</u>		
2-10-77	10:10 AM	67	25	4444 GAUGE BACK TO 11,041 FEET
	10:30 AM	67	45	4444 OPEN CHOKE, LIGHT HEATER
	10:45 AM	68	00	4191 BEGIN RATE 1, 8/64 CHOKE
		68	15	3870
		68	30	3785
		68	45	3692
	11:45 AM	69	00	3633 END RATE 1
	12:00 NOON	69	15	3466 RATE 2, 10/64 CHOKE
	12:15 PM	69	30	3359
		69	45	3274
	12:45 PM	70	00	3147 END RATE 2
		70	15	2887 RATE 3, 13/64 CHOKE
		70	30	2729
		70	45	2633
	1:45 PM	71	00	2545 END RATE 3
		71	15	2192 RATE 4, 16/64 CHOKE
		71	30	2062
		71	45	2023
	2:45 PM	72	00	2020 END RATE 4, SHUT-IN FOR B.U.
		72	15	2856
		72	30	3401
		72	45	3927
		73	00	4131
		74	00	4405
		75	00	4436
		76	00	4473
		77	00	4484
		78	00	4490
2-10-77	10:45 PM	80	00	4493
2-11-77	9:45 AM	91 HRS.	15 MIN.	4493 GAUGE OUT, END TEST, D.W. 3435 PSIG