

MARALO , INCORPORATED
HANSON FEDERAL No. 3
BOTTOM HOLE PRESSURE BUILD-UP TEST AND
PRESSURES TO USE CALCULATING 4-POINT TEST
TABULATION OF PRESSURE AND TIME

TEST CONDUCTED BY:
JOHN WEST ENGINEERING COMPANY

TEST DATE: JULY 5-7, 1978
TEST DEPTH: 9,454 FEET
ELEMENT No.: 12809 (0-5650 PSI)
OPER.: B. DUKE

<u>DATE</u>	<u>TIME</u>	<u>CUM. HRS./MIN.</u>		<u>PSIG @ 9,454 FEET</u>
7-5-78	10:00 AM	00 HRS.	00 MIN.	1405 GAUGE REACHED 9,454', BEGIN BUILD-UP
		00	15	1593
		00	30	1644
		00	45	1675
	11:00 AM	01	00	1709
	12:00 NOON	02	00	1838
	1:00 PM	03	00	1954
		04	00	2077
		08	00	2444
7-5-78	10:00 PM	12	00	2744
7-6-78	6:00 AM	20	00	3189
	2:00 PM	28	00	3449
7-6-78	10:00 PM	36	00	3577
7-7-78	6:00 AM	44	00	3643
7-7-78	9:30 AM	47 HRS.	30 MIN.	3666 GAUGE OFF BOTTOM, RUN GRADIENTS
7-7-78	10:15 AM	48	15	3666 GAUGE BACK TO 9,454', BEGIN TEST
		48	30	3577
		48	45	3566
		49	00	3546
	11:15 AM	49	15	3520 END RATE I
		49	30	3503
		49	45	3483
		50	00	3460
	12:15 PM	50	15	3434 END RATE II
		50	30	3383
		50	45	3363
		51	00	3334
	1:15 PM	51	15	3303 END RATE III
		51	30	3271
		51	45	3240
		52	00	3203
7-7-78	2:15 PM	52 HRS.	15 MIN.	3171 END RATE IV, END TEST