

PHILLIPS PETROLEUM COMPANY
MUSKEGON STATE COM. 17 NO. 1
BOTTOM HOLE PRESSURE BUILD-UP TEST
TABULATION OF PRESSURE AND TIME

TEST CONDUCTED BY:
JOHN WEST ENGINEERING CO., INC.

TEST DATE: 2/10 to 2/14/1992

ELEMENT NO.: 850415 (0-5275 PSI)

TEST DEPTH: 10,449 FEET

OPERATOR: W.S.

<u>DATE</u>	<u>TIME</u>	<u>CUM.HRS./MINS.</u>		<u>PSIG @ 10,449 FEET</u>
2/10/92	4:55 PM			597, Gauge reached 10449, flowing.
	5:15 PM	00	00	603, Shut-in, Begin Build-up
	5:45 PM	00	30	1192
	6:15 PM	01	00	1941
	6:45 PM	01	30	2189
	7:15 PM	02	00	2439
	7:45 PM	02	30	2699
	8:15 PM	03	00	2864
	8:45 PM	03	30	2928
	9:15 PM	04	00	3037
	9:45 PM	04	30	3106
	10:15 PM	05	00	3159
	11:15 PM	06	00	3211
2/11/92	12:15 AM	07	00	3254
	1:15 AM	08	00	3293
	2:15 AM	09	00	3330
	3:15 AM	10	00	3362
	5:15 AM	12	00	3399
	8:15 AM	15	00	3447
	1:15 PM	20	00	3508
	6:15 PM	25	00	3550
	7:15 PM	26	00	3531, Decrease
2/11/92	11:15 PM	30	00	3568
2/12/92	4:15 AM	35	00	3600
	9:15 AM	40	00	3624
	2:15 PM	45	00	3645
2/12/92	7:15 PM	50	00	3661
2/13/92	12:15 AM	55	00	3682
	5:15 AM	60	00	3693
	10:15 AM	65	00	3706
	3:15 PM	70	00	3711
2/13/92	8:15 PM	75	00	3719
2/14/92	1:15 AM	80	00	3730
	6:15 AM	85	00	3740
2/14/92	8:45 AM	87	30	3745, Open choke, Begin Test.
2/14/92	9:15 AM	88	00	3563
	9:45 AM	88	30	3447, End Rate I
	10:15 AM	89	00	3346
	10:45 AM	89	30	3267, End Rate II
	11:15 AM	90	00	3021
	11:45 AM	90	30	2918, End Rate III
	12:15 PM	91	00	2567
2/14/92	12:45 PM	91	30	2311, End Rate IV