446267

OIL FLOW RATE CALCULATIONS-TANK MEASUREMENTS

OEC—871-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR)	PAGE	OF
DST#6	ONE	BASS STRAIT	11APR86	1	1

CUSTOMER	WELL NAME OR NUMBER	STO GRAVITY (API) @ 60 °F	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM CO.	PELICAN #5	57.40	14.73 PRESS. 60 TEMP.

TANK # 1 CAPACITY (BBLS)	TANK # 1 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 1	TANK # 2 CAPACITY (BBLS)	TANK # 2 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 2
100	1	1	0		1

	DAY / TIME (24 HR. CLOCK)	FLOW TIME (HOURS)	TANK USED (1 OR 2)	FIELD OIL TANK READINGS (INCHES)	INCREASE IN TANK READINGS SINCE LAST READING (INCHES)	VOLUME BY TANK SINCE LAST READING V_t (BBLS)	TANK TEMP. (° F)	k FROM ASTM TABLES	BSW (%)	CORRECTED OIL VOLUME $V_o = V_t k (1-BSW/100)$ (STO BBLS)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	CORRECTED GAS FLOW RATE FROM GAS FLOW RATE CALC FORM Q_g (MSCF/D)	X GOR (MSCF/STO BBL) / OGR (STO BBL/MMSCF)	
1	11 1445	6.54	1	7.50	5.00	5.0	60	0.9999	15.00	4.24	407.9	3557.03	8.7182	1
2	11 1500	6.79	1	13.00	5.50	5.5	60	0.9999	15.00	4.67	448.7	3603.91	8.0301	2
3	11 1515	7.04	1	18.50	5.50	5.5	60	0.9999	15.00	4.67	448.7	3565.29	7.9440	3
4	11 1530	7.29	1	24.00	5.50	5.5	60	0.9999	15.00	4.67	448.7	3521.43	7.8463	4
5	11 1545	7.54	1	29.50	5.50	5.5	60	0.9999	15.00	4.67	448.7	3547.28	7.9039	5
6	11 1600	7.79	1	35.00	5.50	5.5	60	0.9999	15.00	4.67	448.7	3537.73	7.8826	6
7	11 1615	8.04	1	42.50	7.50	7.5	60	0.9999	15.00	6.37	611.9	3485.59	5.6954	7
8	11 1630	8.29	1	50.00	7.50	7.5	60	0.9999	15.00	6.37	611.9	3485.59	5.6954	8
9	11 1645	8.54	1	57.50	7.50	7.5	60	0.9999	15.00	6.37	611.9	3485.59	5.6954	9
10	11 1700	8.79	1	63.00	5.50	5.5	60	0.9999	15.00	4.67	448.7	3485.59	7.7664	10
11	11 1715	9.04	1	68.00	5.00	5.0	60	0.9999	15.00	4.24	407.9	3497.23	8.5716	11
12	11 1730	9.29	1	73.50	5.50	5.5	60	0.9999	15.00	4.67	448.7	3507.58	7.8154	12
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