



**SURFACE SAMPLING DATA**

OEC-877-1-B

446281

|                       |                    |                     |                                |                  |
|-----------------------|--------------------|---------------------|--------------------------------|------------------|
| TEST NUMBER<br>DST #6 | RATE NUMBER<br>ONE | AREA<br>BASS STRAIT | DATE (DAY MO YR.)<br>11 APR 86 | PAGE OF<br>1   3 |
|-----------------------|--------------------|---------------------|--------------------------------|------------------|

|   |   |   |                                      |
|---|---|---|--------------------------------------|
| CUSTOMER<br>AMOCO AUSTRALIA PETROLEUM CO. | WELL NAME OR NUMBER<br>PELICAN #5   | FIELD<br>PELICAN  | FORMATION<br>SANDSTONE               |
| ELEVATION (FEET)                          | STANDARD CONDITIONS<br><input type="checkbox"/> 14.73 psi 60°F <input type="checkbox"/> OTHER | TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING<br>14.73 PRESS. 60 TEMP. | INTERVAL TESTED (FEET)<br>2786-2790M |

**SAMPLE # 1**

| TIME TAKEN | CONTAINER # | CONTAINER VOL.<br>(cc) or (gal.) | INITIALLY FILLED WITH<br>(a) | VOL. OF FILL REMAINING WITH SAMPLE<br>(b) | SAMPLE TYPE | SAMPLE TAKEN AT | SAMPLING PRESSURE<br>(psig) | SAMPLING TEMP.<br>(°F) | ATMOSPHERIC PRESS.<br>(psi) | ATMOS. TEMP.<br>(°F) | TIME TO TAKE SAMPLE<br>(min.) |
|------------|-------------|----------------------------------|------------------------------|---|-------------|-----------------|-----------------------------|------------------------|-----------------------------|----------------------|-------------------------------|
| 1330       | SS-134      | 1 GAL                            | VACUUM                       |   | GAS         | SEPARATOR       | 300                         | 51                     | 14.73                       | 60                   | 15                            |

**FIELD READINGS AND FACTORS USED**

| WELL HEAD |       | CHOKE       | HI STAGE SEP. | LO STAGE SEP. | BOTTOM HOLE |       |        |       | OIL     |     |                |                | GAS     |                 | TOTAL GAS/OIL FLOW RATE AT | SEPARATION           |                      | WATER FLOW RATE |
|-----------|-------|-------------|---------------|---------------|-------------|-------|--------|-------|---------|-----|----------------|----------------|---------|-----------------|----------------------------|----------------------|----------------------|-----------------|
| PRESS.    | TEMP. | SIZE        | PRESS.        | TEMP.         | PRESS.      | TEMP. | PRESS. | TEMP. | GRAVITY | BSW | C <sub>f</sub> | W <sub>f</sub> | GRAVITY | F <sub>PV</sub> | STOCK TANK                 | SEP. COND.           | SEP. COND.           | (BPD)           |
| (psig)    | (°F)  | (64th INCH) | (psig)        | (°F)          | (psig)      | (°F)  | @      | @     | @ 60 °F | (%) | (c)            | (c)            | (AIR=1) |                 | (BPD) (MMCF/D)             | (MCF/BBL) (BBL/MMCF) | (MCF/BBL) (BBL/MMCF) | (BPD)           |
| 1626      | 97    | 24          | 300           | 51            |             |       |        |       | 57.4    | 15  |                | 20%            | 0.82    | 1.0544          | 3.567                      |                      |                      |                 |

**SAMPLE # 2**

| TIME TAKEN | CONTAINER # | CONTAINER VOL.<br>(cc) or (gal.) | INITIALLY FILLED WITH<br>(a) | VOL. OF FILL REMAINING WITH SAMPLE<br>(b) | SAMPLE TYPE | SAMPLE TAKEN AT | SAMPLING PRESSURE<br>(psig) | SAMPLING TEMP.<br>(°F) | ATMOSPHERIC PRESS.<br>(psi) | ATMOS. TEMP.<br>(°F) | TIME TO TAKE SAMPLE<br>(min.) |
|------------|-------------|----------------------------------|------------------------------|---|-------------|-----------------|-----------------------------|------------------------|-----------------------------|----------------------|-------------------------------|
| 1330       | SS-1069     | 1 GAL                            | VACUUM                       |   | COND.       | SEPARATOR       | 300                         | 51                     | 14.73                       | 60                   | 15                            |

**FIELD READINGS AND FACTORS USED**

| WELL HEAD |       | CHOKE       | HI STAGE SEP. | LO STAGE SEP. | BOTTOM HOLE |       |        |       | OIL     |     |                |                | GAS     |                 | TOTAL GAS/OIL FLOW RATE AT | SEPARATION           |                      | WATER FLOW RATE |
|-----------|-------|-------------|---------------|---------------|-------------|-------|--------|-------|---------|-----|----------------|----------------|---------|-----------------|----------------------------|----------------------|----------------------|-----------------|
| PRESS.    | TEMP. | SIZE        | PRESS.        | TEMP.         | PRESS.      | TEMP. | PRESS. | TEMP. | GRAVITY | BSW | C <sub>f</sub> | W <sub>f</sub> | GRAVITY | F <sub>PV</sub> | STOCK TANK                 | SEP. COND.           | SEP. COND.           | (BPD)           |
| (psig)    | (°F)  | (64th INCH) | (psig)        | (°F)          | (psig)      | (°F)  | @      | @     | @ 60 °F | (%) | (c)            | (c)            | (AIR=1) |                 | (BPD) (MMCF/D)             | (MCF/BBL) (BBL/MMCF) | (MCF/BBL) (BBL/MMCF) | (BPD)           |
| 1626      | 97    | 24          | 300           | 51            |             |       |        |       | 57.4    | 15  |                | 20%            | 0.82    | 1.0544          |                            |                      |                      |                 |

**SAMPLE # 3**

| TIME TAKEN | CONTAINER # | CONTAINER VOL.<br>(cc) or (gal.) | INITIALLY FILLED WITH<br>(a) | VOL. OF FILL REMAINING WITH SAMPLE<br>(b) | SAMPLE TYPE | SAMPLE TAKEN AT | SAMPLING PRESSURE<br>(psig) | SAMPLING TEMP.<br>(°F) | ATMOSPHERIC PRESS.<br>(psi) | ATMOS. TEMP.<br>(°F) | TIME TO TAKE SAMPLE<br>(min.) |
|------------|-------------|----------------------------------|------------------------------|---|-------------|-----------------|-----------------------------|------------------------|-----------------------------|----------------------|-------------------------------|
| 1500       | SS-818      | 1 GAL                            | VACUUM                       |   | GAS         | SEPARATOR       | 305                         | 50                     | 14.73                       | 60                   | 15                            |

**FIELD READINGS AND FACTORS USED**

| WELL HEAD |       | CHOKE       | HI STAGE SEP. | LO STAGE SEP. | BOTTOM HOLE |       |        |       | OIL     |     |                |                | GAS     |                 | TOTAL GAS/OIL FLOW RATE AT | SEPARATION           |                      | WATER FLOW RATE |
|-----------|-------|-------------|---------------|---------------|-------------|-------|--------|-------|---------|-----|----------------|----------------|---------|-----------------|----------------------------|----------------------|----------------------|-----------------|
| PRESS.    | TEMP. | SIZE        | PRESS.        | TEMP.         | PRESS.      | TEMP. | PRESS. | TEMP. | GRAVITY | BSW | C <sub>f</sub> | W <sub>f</sub> | GRAVITY | F <sub>PV</sub> | STOCK TANK                 | SEP. COND.           | SEP. COND.           | (BPD)           |
| (psig)    | (°F)  | (64th INCH) | (psig)        | (°F)          | (psig)      | (°F)  | @      | @     | @ 60 °F | (%) | (c)            | (c)            | (AIR=1) |                 | (BPD) (MMCF/D)             | (MCF/BBL) (BBL/MMCF) | (MCF/BBL) (BBL/MMCF) | (BPD)           |
| 1626      | 99    | 24          | 305           | 50            |             |       |        |       | 57.4    | 15  |                | 20%            | 0.82    | 1.0558          | 3.6039                     | 8031.8               |                      | 79              |

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).  
 (b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.  
 (c) C<sub>f</sub> IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W<sub>f</sub>, AND METER NONLINEARITY EFFECTS, M. C<sub>f</sub> = M W<sub>f</sub>.

SAMPLED BY  
**JOSEPH PAKIAM**