

## STANDARD OIL PRODUCTION CO.

STATE 36 WELL NO.2

WT-KK12S

PAGE 4

12/31/05

06/09/09

THIS LOG IS THE PROPERTY OF STANDARD OIL PRODUCTION CO. IT IS TO BE USED FOR THE PURPOSES OF RECORDING THE RESULTS OF THE LOGGING OPERATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSES. IT IS TO BE KEPT IN THE LOGGING COMPANY'S OFFICE FOR A PERIOD OF FIVE YEARS AFTER THE DATE OF THE LOGGING OPERATION. IT IS TO BE DESTROYED AFTER THAT PERIOD.

| MEASURED | INCL. | HOLE      | COURSE | VERTICAL | SECTION | RECTANGULAR | C L O S U R E | DIRECTION         | SEVERITY  |
|----------|-------|-----------|--------|----------|---------|-------------|---------------|-------------------|-----------|
| DEPTH    | ANGLE | DIRECTION | LENGTH | DEPTH    | FEET    | COORDINATES | FEET          | DEGS.             | DEG/100FT |
| FEET     | DEGS. | DEGS.     | FEET   | FEET     | FEET    | N/S         | E/W           | FEET              | DEGS.     |
| 8936.00  | 2.90  | N 61.80 W | 31.00  | 8934.99  | 70.45   | 50.14 N     | 54.26 W       | 73.58' N 47.26 W  | 9.19      |
| 8967.00  | 3.30  | N 61.10 W | 31.00  | 8965.94  | 71.88   | 50.94 N     | 55.73 W       | 75.51' N 47.37 W  | 1.30      |
| 8998.00  | 3.80  | N 61.80 W | 31.00  | 8996.88  | 73.51   | 51.86 N     | 57.42 W       | 77.37' N 47.91 W  | 1.52      |
| 9030.00  | 4.30  | N 56.90 W | 32.00  | 9028.86  | 75.48   | 53.01 N     | 59.36 W       | 79.59' N 48.23 W  | 1.70      |
| 9052.00  | 4.70  | N 56.90 W | 22.00  | 9050.74  | 77.01   | 53.96 N     | 60.91 W       | 81.29' N 48.42 W  | 1.92      |
| 9084.00  | 4.80  | N 53.40 W | 34.00  | 9084.62  | 79.55   | 55.56 N     | 63.12 W       | 83.07' N 48.54 W  | 2.11      |
| 9117.00  | 5.20  | N 46.30 W | 31.00  | 9115.50  | 82.09   | 57.31 N     | 65.18 W       | 86.79' N 48.58 W  | 2.30      |
| 9148.00  | 5.20  | N 39.30 W | 31.00  | 9146.37  | 84.83   | 59.37 N     | 67.09 W       | 90.58' N 48.49 W  | 2.45      |
| 9179.00  | 5.30  | N 36.50 W | 31.00  | 9177.24  | 87.63   | 61.60 N     | 68.33 W       | 92.37' N 48.17 W  | 2.65      |
| 9210.00  | 5.10  | N 34.40 W | 31.00  | 9208.12  | 90.43   | 63.80 N     | 70.46 W       | 95.11' N 47.80 W  | 2.89      |
| 9241.00  | 4.70  | N 34.40 W | 31.00  | 9239.00  | 93.07   | 66.08 N     | 71.96 W       | 97.69' N 47.44 W  | 3.09      |
| 9270.00  | 5.00  | N 34.40 W | 29.00  | 9267.90  | 95.51   | 68.10 N     | 73.34 W       | 100.08' N 47.12 W | 3.30      |
| 9301.00  | 4.70  | N 33.00 W | 31.00  | 9298.79  | 98.13   | 70.28 N     | 74.79 W       | 102.63' N 46.78 W | 3.44      |
| 9332.00  | 4.70  | N 34.00 W | 31.00  | 9329.68  | 100.55  | 72.40 N     | 76.20 W       | 105.11' N 46.46 W | 3.62      |
| 9362.00  | 4.90  | N 41.40 W | 30.00  | 9359.58  | 103.15  | 74.38 N     | 77.73 W       | 107.59' N 46.26 W | 3.80      |
| 9392.00  | 4.40  | N 41.40 W | 30.00  | 9389.48  | 105.53  | 76.21 N     | 79.34 W       | 110.01' N 46.15 W | 4.07      |
| 9424.00  | 4.60  | N 37.20 W | 32.00  | 9421.38  | 108.00  | 78.15 N     | 80.93 W       | 112.50' N 46.00 W | 4.28      |
| 9454.00  | 4.70  | N 33.70 W | 30.00  | 9451.28  | 110.42  | 80.13 N     | 82.34 W       | 114.90' N 45.78 W | 4.44      |
| 9515.00  | 4.70  | N 35.80 W | 61.00  | 9512.08  | 115.40  | 84.24 N     | 85.19 W       | 119.90' N 45.32 W | 4.69      |
| 9546.00  | 4.90  | N 35.10 W | 31.00  | 9542.97  | 117.98  | 86.35 N     | 86.69 W       | 122.36' N 45.11 W | 4.87      |
| 9703.00  | 4.80  | N 02.10 W | 157.00 | 9699.41  | 130.83  | 98.76 N     | 90.87 W       | 134.20' N 42.52 W | 1.75      |
| 9733.00  | 4.50  | N 02.80 W | 30.00  | 9729.31  | 132.99  | 101.19 N    | 90.97 W       | 136.07' N 41.96 W | 1.92      |
| 9755.00  | 4.20  | N 00.60 W | 32.00  | 9751.22  | 135.13  | 103.61 N    | 91.04 W       | 137.93' N 41.31 W | 1.97      |
| 9796.00  | 4.20  | N 03.60 E | 31.00  | 9792.13  | 137.07  | 105.88 N    | 90.98 W       | 139.61' N 40.67 W | 1.99      |
| 9827.00  | 4.30  | N 02.90 E | 31.00  | 9823.05  | 139.00  | 108.18 N    | 90.55 W       | 141.27' N 40.02 W | 1.36      |