

# UNIT OIL COMPANY OF CALIFORNIA MIDLAND TEXAS

LEASE NO. 1

RECAP

LEA COUNTY NEW BRANCH

REMARKS: GROUNDWATER AND MAGNETIC POLLUTIONS

DATE OF SURVEY

VERTICAL SECTION COMPUTED ALONG CLOSURE

PAGE 5

APRIL 30, 1959

50-3-6034, NS-6035

## SPERRY-SUN WELL SURVEYING COMPANY RECORD OF SURVEY

| EMBEDDED<br>DEPTH | TRUE<br>VERTICAL<br>DEPTH | INCLINATION |     | DIRECTION | 000-LEG<br>SEVERITY<br>DEG/100 | VERTICAL<br>SECTION | RECTANGULAR COORDINATES |        |        |
|-------------------|---------------------------|-------------|-----|-----------|--------------------------------|---------------------|-------------------------|--------|--------|
|                   |                           | DEG         | MIN |           |                                |                     | NORTH                   | SOUTH  | WEST   |
| 6300              | 6299.04                   | 1           | 30  | S 66 E    | .75                            | 67.00               | 36.57                   |        | 81.17  |
| 6400              | 6399.00                   | 1           | 45  | S 77 E    | .40                            | 70.04               | 35.86                   |        | 84.15  |
| 6500              | 6498.95                   | 1           | 42  | N 75 E    | .55                            | 72.63               | 36.67                   |        | 87.10  |
| 6600              | 6598.92                   | 1           | 30  | N 70 E    | .25                            | 74.73               | 37.56                   |        | 89.56  |
| 6700              | 6698.89                   | 1           | 30  | N 60 E    | .16                            | 76.70               | 38.63                   |        | 91.95  |
| 6800              | 6798.85                   | 1           | 30  | N 72 E    | .15                            | 78.85               | 39.44                   |        | 94.44  |
| 6900              | 6898.83                   | 1           | 45  | N 75 E    | .30                            | 81.52               | 40.07                   |        | 97.42  |
| 7000              | 6998.81                   | 6           | 45  | S 52 E    | 5.76                           | 92.49               | 32.34                   |        | 100.65 |
| 7100              | 7097.14                   | 6           | 0   | S 51 E    | 1.26                           | 103.39              | 24.08                   |        | 117.50 |
| 7200              | 7196.04                   | 8           | 30  | S 53 E    | .58                            | 119.27              | 15.16                   |        | 129.31 |
| 7300              | 7294.74                   | 7           | 15  | S 57 E    | .47                            | 134.72              | 6.43                    |        | 142.79 |
| 7400              | 7393.22                   | 10          | 0   | S 58 E    | .77                            | 151.49              |                         | 2.77   | 157.51 |
| 7500              | 7491.30                   | 11          | 15  | S 60 E    | 1.30                           | 170.49              |                         | 12.53  | 174.41 |
| 7600              | 7589.73                   | 13          | 0   | S 59 E    | 1.76                           | 192.31              |                         | 24.11  | 193.69 |
| 7700              | 7688.86                   | 14          | 15  | S 57 E    | 1.25                           | 210.19              |                         | 36.79  | 214.79 |
| 7800              | 7787.25                   | 15          | 0   | S 62 E    | 1.07                           | 241.59              |                         | 46.94  | 257.64 |
| 7900              | 7885.37                   | 16          | 0   | S 64 E    | 1.13                           | 260.31              |                         | 61.03  | 262.42 |
| 8000              | 7984.01                   | 17          | 0   | S 67 E    | 1.31                           | 297.19              |                         | 72.45  | 289.33 |
| 8100              | 8082.11                   | 18          | 0   | S 67 E    | 1.00                           | 320.82              |                         | 84.52  | 317.76 |
| 8200              | 8180.86                   | 19          | 0   | S 69 E    | 1.16                           | 341.09              |                         | 95.19  | 343.17 |
| 8300              | 8279.83                   | 18          | 15  | S 68 E    | .86                            | 392.25              |                         | 107.92 | 377.21 |