

# WELL LOGS

K<sub>2</sub>

|             |              |           |                   |
|-------------|--------------|-----------|-------------------|
| API number: | 30-025-38366 |           |                   |
| OGRID:      |              | Operator: | COG OPERATING LLC |
|             |              | Property: | BC FEDERAL # 14   |

|         |        |   |          |          |       |
|---------|--------|---|----------|----------|-------|
| surface | ULSTR: | F | 20       | T 17S    | R 32E |
|         |        |   | 1650 FNL | 2020 FWL |       |

|        |        |   |          |          |       |
|--------|--------|---|----------|----------|-------|
| BH Loc | ULSTR: | F | 20       | T 17S    | R 32E |
|        |        |   | 1650 FNL | 2020 FWL |       |

|               |      |     |      |     |      |
|---------------|------|-----|------|-----|------|
| Ground Level: | 3986 | DF: | 3997 | KB: | 3998 |
| Datum:        | KB   |     |      | TD: | 6985 |

|       |         |                       |                      |
|-------|---------|-----------------------|----------------------|
| Land: | FEDERAL | Completion Date: (1)  | 7/23/2007            |
|       |         | Date Logs Received:   | 8/20/2007 ***Late*** |
|       |         | Date Logs Due in: (2) | 8/12/2007            |

|               |    |  |  |           |  |
|---------------|----|--|--|-----------|--|
| Confidential: | NO |  |  | Date out: |  |
|---------------|----|--|--|-----------|--|

Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

| Logs        | Depth interval |      |                              |
|-------------|----------------|------|------------------------------|
| TD LD CN/GR | 200            | 6988 | Three Detector Litho-Density |
| HRLA        | 2153           | 6988 | High Resolution Laterolog    |
|             |                |      |                              |
|             |                |      |                              |
|             |                |      |                              |
|             |                |      |                              |
|             |                |      |                              |

K<sub>2</sub>

## OCD TOPS

|            |      |           |  |  |
|------------|------|-----------|--|--|
| Rustler    | 700  | Strawn    |  |  |
| Tansill    |      | Atoka     |  |  |
| Yates      | 2039 | Morrow    |  |  |
| 7 rvs      | 2406 |           |  |  |
|            | 2755 | Austin    |  |  |
|            | 2836 | Chester   |  |  |
| Queen      | 3016 | Miss Lime |  |  |
| Penrose    |      |           |  |  |
| Grayburg   | 3413 |           |  |  |
| San Andres | 3787 |           |  |  |
| Glorieta   | 5254 |           |  |  |
| Yeso       | 5355 |           |  |  |
| Blinbry    |      |           |  |  |
| Tubb       |      |           |  |  |
| Drinkard   |      |           |  |  |
| Abo        |      |           |  |  |
| Wolfcamp   |      |           |  |  |
|            |      |           |  |  |
|            |      |           |  |  |