

# WELL LOGS

K<sub>Z</sub>

|             |              |           |                   |
|-------------|--------------|-----------|-------------------|
| API number: | 30-025-39478 |           |                   |
| OGRID:      |              | Operator: | COG OPERATING LLC |
|             |              | Property: | JC FEDERAL # 39   |

|         |        |   |     |     |      |     |     |
|---------|--------|---|-----|-----|------|-----|-----|
| surface | ULSTR: | C | 22  | T   | 17S  | R   | 32E |
|         |        |   | 330 | FNL | 1650 | FWL |     |

|        |        |   |     |     |      |     |     |
|--------|--------|---|-----|-----|------|-----|-----|
| BH Loc | ULSTR: | C | 22  | T   | 17S  | R   | 32E |
|        |        |   | 330 | FNL | 1650 | FWL |     |

|               |      |     |      |     |      |  |
|---------------|------|-----|------|-----|------|--|
| Ground Level: | 4011 | DF: | 4027 | KB: | 4028 |  |
| Datum:        | KB   |     |      | TD: | 7025 |  |

Land: **FEDERAL**

Completion Date: (1) **2/2/2010**

Date Logs Received: **3/8/2010**

Date Logs Due in: (2) **2/22/2010**

\*\*\*LATE\*\*\*

|               |    |  |  |           |  |  |
|---------------|----|--|--|-----------|--|--|
| 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 |                         |
|------|----------------|-------------------------|
| CNL  | 100 6943       | Compensated Neutron Log |
|      |                |                         |
|      |                |                         |
|      |                |                         |
|      |                |                         |
|      |                |                         |
|      |                |                         |
|      |                |                         |

K<sub>Z</sub>

## OCD TOPS

|            |      |           |  |  |
|------------|------|-----------|--|--|
| Rustler    | 840  | Strawn    |  |  |
| Tansill    |      | Atoka     |  |  |
| Yates      | 2160 | Morrow    |  |  |
| 7 rvs      | 2512 |           |  |  |
|            | 2864 | Austin    |  |  |
|            | 2942 | Chester   |  |  |
| Queen      | 3120 | Miss Lime |  |  |
| Penrose    |      |           |  |  |
| Grayburg   | 3512 |           |  |  |
| San Andres | 3886 |           |  |  |
| Glorieta   | 5384 |           |  |  |
| Yeso       | 5450 |           |  |  |
| Blinbry    |      |           |  |  |
| Tubb       | 6854 |           |  |  |
| Drinkard   |      |           |  |  |
| Abo        |      |           |  |  |
| Wolfcamp   |      |           |  |  |
|            |      |           |  |  |
|            |      |           |  |  |