

# WELL LOGS

K Z

|             |              |           |                   |
|-------------|--------------|-----------|-------------------|
| API number: | 30-025-39059 |           |                   |
| OGRID:      |              | Operator: | COG OPERATING LLC |
|             |              | Property: | JC FEDERAL # 25   |

|         |        |   |      |     |      |     |     |
|---------|--------|---|------|-----|------|-----|-----|
| surface | ULSTR: | O | 21   | T   | 17S  | R   | 32E |
|         |        |   | 1090 | FSL | 1650 | FEL |     |

|        |        |   |      |     |      |     |     |
|--------|--------|---|------|-----|------|-----|-----|
| BH Loc | ULSTR: | O | 21   | T   | 17S  | R   | 32E |
|        |        |   | 1090 | FSL | 1650 | FEL |     |

|               |      |     |      |     |      |  |
|---------------|------|-----|------|-----|------|--|
| Ground Level: | 4025 | DF: | 4036 | KB: | 4037 |  |
| Datum:        | KB   |     |      | TD: | 7017 |  |

Land: **FEDERAL**

Completion Date: (1) **6/28/2009**

Date Logs Received: **7/24/2009**

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

Date Logs Due in: (2) **7/18/2009**

|               |    |  |  |           |  |  |
|---------------|----|--|--|-----------|--|--|
| 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 6970       | Compensated Neutron Log |
|      |                |                         |
|      |                |                         |
|      |                |                         |
|      |                |                         |
|      |                |                         |
|      |                |                         |
|      |                |                         |

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## OCD TOPS

|            |      |           |  |  |
|------------|------|-----------|--|--|
| Rustler    | 804  | Strawn    |  |  |
| Tansill    |      | Atoka     |  |  |
| Yates      | 2146 | Morrow    |  |  |
| 7 rvs      | 2507 |           |  |  |
|            | 2860 | Austin    |  |  |
|            | 2932 | Chester   |  |  |
| Queen      | 3110 | Miss Lime |  |  |
| Penrose    |      |           |  |  |
| Grayburg   | 3479 |           |  |  |
| San Andres | 3887 |           |  |  |
| Glorieta   | 5402 |           |  |  |
| Yeso       | 5455 |           |  |  |
| Blinbry    |      |           |  |  |
| Tubb       |      |           |  |  |
| Drinkard   |      |           |  |  |
| Abo        |      |           |  |  |
| Wolfcamp   |      |           |  |  |
|            |      |           |  |  |
|            |      |           |  |  |