

# WELL LOGS

K Z

|             |              |           |                   |
|-------------|--------------|-----------|-------------------|
| API number: | 30-025-39931 |           |                   |
| OGRID:      |              | Operator: | COG OPERATING LLC |
|             |              | Property: | MC FEDERAL # 56   |

|         |        |   |      |     |      |     |     |
|---------|--------|---|------|-----|------|-----|-----|
| surface | ULSTR: | F | 21   | T   | 17S  | R   | 32E |
|         |        |   | 2133 | FNL | 1650 | FWL |     |

|        |        |   |      |     |      |     |     |
|--------|--------|---|------|-----|------|-----|-----|
| BH Loc | ULSTR: | F | 21   | T   | 17S  | R   | 32E |
|        |        |   | 2133 | FNL | 1650 | FWL |     |

|               |      |     |      |     |      |  |
|---------------|------|-----|------|-----|------|--|
| Ground Level: | 4051 | DF: | 4067 | KB: | 4068 |  |
| Datum:        | KB   |     |      | TD: | 7110 |  |

|  |                            |           |            |
|--|----------------------------|-----------|------------|
|  | Completion Date: (1)       | 5/26/2011 |            |
|  | Date Logs Received:        | 6/22/2011 | ***LATE*** |
|  | Date C105 Received:        | 6/22/2011 | ***LATE*** |
|  | Date Logs/C105 Due in: (2) | 6/15/2011 |            |

Land: **FEDERAL**

|               |    |  |  |           |  |  |
|---------------|----|--|--|-----------|--|--|
| 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 7019       | Compensated Neutron |
|      |                |                     |
|      |                |                     |
|      |                |                     |
|      |                |                     |
|      |                |                     |
|      |                |                     |
|      |                |                     |

K Z

## OCD TOPS

|              |      |              |  |  |
|--------------|------|--------------|--|--|
| Rustler      | 814  | Strawn       |  |  |
| Tansill      |      | Atoka        |  |  |
| Yates        | 2138 | Morrow       |  |  |
| 7 rvrs       | 2494 |              |  |  |
| T. Bowers Sd | 2843 | Austin       |  |  |
| B. Bowers Sd | 2919 | Chester      |  |  |
| Queen        | 3097 | Miss Lime    |  |  |
| Penrose      |      | Woodford     |  |  |
| Grayburg     | 3456 | Devonian     |  |  |
| San Andres   | 3830 | Silurian     |  |  |
| Glorieta     | 5350 | Fussleman    |  |  |
| Yeso         | 5410 | Montoya      |  |  |
| Blinbry      |      | Simpson      |  |  |
| Tubb         | 6899 | Mckee        |  |  |
| Drinkard     |      | Ellenburger  |  |  |
| Abo          |      | Granite Wash |  |  |
| Wolfcamp     |      | preCambrian  |  |  |
|              |      |              |  |  |
|              |      |              |  |  |