

# WELL LOGS

K z

|             |              |           |                   |
|-------------|--------------|-----------|-------------------|
| API number: | 30-025-38262 |           |                   |
| OGRID:      |              | Operator: | COG OPERATING LLC |
|             |              | Property: | MC FEDERAL # 10   |

|         |        |   |      |     |     |     |     |
|---------|--------|---|------|-----|-----|-----|-----|
| surface | ULSTR: | E | 22   | T   | 17S | R   | 32E |
|         |        |   | 1500 | FNL | 990 | FWL |     |

|        |        |   |      |     |     |     |     |
|--------|--------|---|------|-----|-----|-----|-----|
| BH Loc | ULSTR: | E | 22   | T   | 17S | R   | 32E |
|        |        |   | 1665 | FNL | 980 | FWL |     |

|               |      |     |      |     |      |  |
|---------------|------|-----|------|-----|------|--|
| Ground Level: | 4009 | DF: | 4020 | KB: | 4021 |  |
| Datum:        | KB   |     |      | TD: | 7011 |  |

Land: **FEDERAL**

Completion Date: (1) **4/7/2007**  
 Date Logs Received: **4/27/2007**  
 Date Logs Due in: (2) **4/27/2007**

|               |    |  |  |           |  |  |
|---------------|----|--|--|-----------|--|--|
| 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            | 7009 | Three Detector Litho-Density |
| HRLA        | 2101           | 7009 | High Resolution Laterolog    |
|             |                |      |                              |
|             |                |      |                              |
|             |                |      |                              |
|             |                |      |                              |
|             |                |      |                              |
|             |                |      |                              |

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## OCD TOPS

|            |      |           |  |  |  |
|------------|------|-----------|--|--|--|
| Rustler    | 826  | Strawn    |  |  |  |
| Tansill    |      | Atoka     |  |  |  |
| Yates      | 2134 | Morrow    |  |  |  |
| 7 rvs      | 2465 |           |  |  |  |
|            | 2837 | Austin    |  |  |  |
|            | 2913 | Chester   |  |  |  |
| Queen      | 3087 | Miss Lime |  |  |  |
| Penrose    |      |           |  |  |  |
| Grayburg   | 3463 |           |  |  |  |
| San Andres | 3855 |           |  |  |  |
| Glorieta   | 5367 |           |  |  |  |
| Paddock    |      |           |  |  |  |
| Yeso       | 5457 |           |  |  |  |
| Tubb       |      |           |  |  |  |
| Drinkard   |      |           |  |  |  |
| Abo        |      |           |  |  |  |
| Wolfcamp   |      |           |  |  |  |
|            |      |           |  |  |  |
|            |      |           |  |  |  |