

# WELL LOGS

K<sub>Z</sub>

|             |              |           |             |
|-------------|--------------|-----------|-------------|
| API number: | 30-025-39648 |           |             |
| OGRID:      |              | Operator: | APACHE CORP |
|             |              | Property: | BUGLER # 3  |

|         |        |   |      |     |     |     |     |
|---------|--------|---|------|-----|-----|-----|-----|
| surface | ULSTR: | L | 13   | T   | 20S | R   | 38E |
|         |        |   | 2310 | FSL | 990 | FWL |     |

|        |        |   |      |     |     |     |     |
|--------|--------|---|------|-----|-----|-----|-----|
| BH Loc | ULSTR: | L | 13   | T   | 20S | R   | 38E |
|        |        |   | 2310 | FSL | 990 | FWL |     |

|               |      |     |      |     |      |  |
|---------------|------|-----|------|-----|------|--|
| Ground Level: | 3573 | DF: | 3583 | KB: | 3584 |  |
| Datum:        | KB   |     |      | TD: | 7251 |  |

Land: FEE

Completion Date: (1) 6/21/2010

Date Logs Received: 6/16/2010

Date C105 Received: 6/13/2010

Date Logs/C105 Due in: (2) 7/11/2010

|               |    |  |  |           |  |  |
|---------------|----|--|--|-----------|--|--|
| 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 |      |                                      |
|---------|----------------|------|--------------------------------------|
| MPD/MDN | 100            | 7206 | Compensated Neutron Photo Density GR |
| MLE/MMR | 3000           | 7223 | Dual Laterolog Micro Laterolog       |
| MSS     | 3000           | 7250 | Compensated Sonic Spectral Gamma Ray |
|         | 3000           | 7250 | Borehole Profile Log                 |
|         |                |      |                                      |
|         |                |      |                                      |
|         |                |      |                                      |

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## OCD TOPS

|            |      |           |  |  |
|------------|------|-----------|--|--|
| Rustler    | 1573 | Strawn    |  |  |
| Tansill    | 2740 | Atoka     |  |  |
| Yates      | 2868 | Morrow    |  |  |
| 7 rvs      | 3126 |           |  |  |
|            | 3447 | Austin    |  |  |
|            | 3522 | Chester   |  |  |
| Queen      | 3686 | Miss Lime |  |  |
| Penrose    |      |           |  |  |
| Grayburg   | 4030 |           |  |  |
| San Andres | 4270 |           |  |  |
| Glorieta   | 5577 |           |  |  |
| Paddock    |      |           |  |  |
| Blinbry    |      |           |  |  |
| Tubb       | 6527 |           |  |  |
| Drinkard   | 6839 |           |  |  |
| Abo        | 7145 |           |  |  |
| Wolfcamp   |      |           |  |  |
|            |      |           |  |  |
|            |      |           |  |  |