

# WELL LOGS

K z

|             |              |           |                   |
|-------------|--------------|-----------|-------------------|
| API number: | 30-025-39562 |           |                   |
| OGRID:      |              | Operator: | APACHE CORP       |
|             |              | Property: | HANSEN STATE # 11 |

|         |        |   |     |     |     |     |     |
|---------|--------|---|-----|-----|-----|-----|-----|
| surface | ULSTR: | A | 16  | T   | 20S | R   | 37E |
|         |        |   | 990 | FNL | 990 | FEL |     |

|        |        |   |     |     |     |     |     |
|--------|--------|---|-----|-----|-----|-----|-----|
| BH Loc | ULSTR: | A | 16  | T   | 20S | R   | 37E |
|        |        |   | 990 | FNL | 990 | FEL |     |

|               |      |     |      |     |      |  |
|---------------|------|-----|------|-----|------|--|
| Ground Level: | 3548 | DF: | 3561 | KB: | 3562 |  |
| Datum:        | KB   |     |      | TD: | 7300 |  |

|  |                            |            |
|--|----------------------------|------------|
|  | Completion Date: (1)       | 1/28/2010  |
|  | Date Logs Received:        | 12/28/2009 |
|  | Date C105 Received:        | 2/18/2010  |
|  | Date Logs/C105 Due in: (2) |            |

Land: STATE

|               |    |  |  |           |  |
|---------------|----|--|--|-----------|--|
| 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 |      |                                      |
|---------|----------------|------|--------------------------------------|
| ZDL/CN  | 200            | 7235 | Dual Spaced Neutron Spectral Density |
| DLL/MLL | 2500           | 7296 | Dual Laterolog Micro SFL Log         |
| DAL     | 2500           | 7259 | Digital Acoustilog Gamma Ray Log     |
|         |                |      |                                      |
|         |                |      |                                      |
|         |                |      |                                      |
|         |                |      |                                      |

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## OCD TOPS

|            |      |           |  |  |
|------------|------|-----------|--|--|
| Rustler    | 1160 | Strawn    |  |  |
| Tansill    | 2420 | Atoka     |  |  |
| Yates      | 2562 | Morrow    |  |  |
| 7 rvrs     | 2823 |           |  |  |
|            | 3118 | Austin    |  |  |
|            | 3187 | Chester   |  |  |
| Queen      | 3327 | Miss Lime |  |  |
| Penrose    |      |           |  |  |
| Grayburg   | 3579 |           |  |  |
| San Andres | 3995 |           |  |  |
| Glorieta   | 5088 |           |  |  |
| Paddock    |      |           |  |  |
| Blaineby   |      |           |  |  |
| Tubb       | 6300 |           |  |  |
| Drinkard   | 6625 |           |  |  |
| Abo        | 6953 |           |  |  |
| Wolfcamp   |      |           |  |  |
|            |      |           |  |  |