

# WELL LOGS

K Z

|             |              |           |               |
|-------------|--------------|-----------|---------------|
| API number: | 30-025-38960 |           |               |
| OGRID:      |              | Operator: | APACHE CORP   |
|             |              | Property: | HAWK B-3 # 34 |

|         |        |   |     |     |     |     |     |
|---------|--------|---|-----|-----|-----|-----|-----|
| surface | ULSTR: | D | 3   | T   | 21S | R   | 37E |
|         |        |   | 990 | FNL | 990 | FWL |     |

|        |        |   |     |     |     |     |     |
|--------|--------|---|-----|-----|-----|-----|-----|
| BH Loc | ULSTR: | D | 3   | T   | 21S | R   | 37E |
|        |        |   | 990 | FNL | 990 | FWL |     |

|               |      |     |      |     |      |  |
|---------------|------|-----|------|-----|------|--|
| Ground Level: | 3484 | DF: | 3494 | KB: | 3495 |  |
| Datum:        | KB   |     |      | TD: | 4550 |  |

Land: **FEDERAL** Completion Date: (1) **7/24/2008**  
 Date Logs Received: **8/21/2008** \*\*\*LATE\*\*\*  
 Date Logs Due in: (2) **8/13/2008**

|               |    |  |  |           |  |
|---------------|----|--|--|-----------|--|
| 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 |      |                                      |
|----------|----------------|------|--------------------------------------|
| DSN/SDL  | 190            | 4540 | Spectral Density Dual Spaced Neutron |
| DLL/MGRD | 3200           | 4537 | Dual Laterolog Micro Guard Log       |
| BSAT     | 3200           | 4488 | Borehole Sonic                       |
|          |                |      |                                      |
|          |                |      |                                      |
|          |                |      |                                      |
|          |                |      |                                      |

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## OCD TOPS

|              |      |        |  |  |
|--------------|------|--------|--|--|
| Rustler      | 1326 | Strawn |  |  |
| Tansill      | 2517 | Atoka  |  |  |
| Yates        | 2686 | Morrow |  |  |
| 7R           | 2913 |        |  |  |
| T. Bowers Sd |      |        |  |  |
| B. Bowers Sd |      |        |  |  |
| Queen        | 3483 |        |  |  |
| Penrose      |      |        |  |  |
| Grayburg     | 3809 |        |  |  |
| San Andres   | 4070 |        |  |  |
| Glorieta     |      |        |  |  |
|              |      |        |  |  |
| Tubb         |      |        |  |  |
| Drinkard     |      |        |  |  |
| Abo          |      |        |  |  |
| Wolfcamp     |      |        |  |  |
|              |      |        |  |  |
|              |      |        |  |  |
|              |      |        |  |  |