

# WELL LOGS

|             |              |           |                          |
|-------------|--------------|-----------|--------------------------|
| API number: | 30-025-36382 |           |                          |
| OGRID:      |              | Operator: | CHESAPEAKE OPERATING INC |
|             |              | Property: | APPLESEED 17 FEDERAL # 4 |

|         |        |   |      |     |      |     |     |
|---------|--------|---|------|-----|------|-----|-----|
| surface | ULSTR: | J | 17   | T   | 20S  | R   | 35E |
|         |        |   | 1830 | FSL | 2055 | FEL |     |

|        |        |   |      |     |      |     |     |
|--------|--------|---|------|-----|------|-----|-----|
| BH Loc | ULSTR: | J | 17   | T   | 20S  | R   | 35E |
|        |        |   | 1830 | FSL | 2055 | FEL |     |

|               |      |     |      |     |       |
|---------------|------|-----|------|-----|-------|
| Ground Level: | 3693 | DF: | 3707 | KB: | 3708  |
| Datum:        | KB   |     |      | TD: | 10915 |

Land: **FEDERAL**

Completion Date: (1) **12/16/2003**  
 Date Logs Received: **1/26/2004** \*\*\* Late \*\*\*  
 Date Logs Due in: (2) **1/5/2004**

|               |    |  |  |           |  |
|---------------|----|--|--|-----------|--|
| 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 |              |                          |
|-------------|----------------|--------------|--------------------------|
| <b>HALS</b> | <b>4007</b>    | <b>10918</b> | Azimuthal Laterolog Tool |
|             |                |              |                          |
|             |                |              |                          |
|             |                |              |                          |
|             |                |              |                          |
|             |                |              |                          |
|             |                |              |                          |
|             |                |              |                          |

## OCD TOPS

|               |       |           |  |  |
|---------------|-------|-----------|--|--|
|               |       |           |  |  |
| Rustler       |       | Strawn    |  |  |
| Tansill       |       | Atoka     |  |  |
| Yates         |       | Morrow    |  |  |
|               |       |           |  |  |
|               |       | Austin    |  |  |
| Delaware      |       | Chester   |  |  |
| Delaware Lm   |       | Miss Lime |  |  |
| Delaware Sd   | 5560  |           |  |  |
| Bell Canyon   |       |           |  |  |
| Cherry Canyon |       |           |  |  |
| Brushy Canyon |       |           |  |  |
| Bone Spring   | 8368  |           |  |  |
| 1st Sd        | 9655  |           |  |  |
| 2nd Carb      | 9944  |           |  |  |
| 2nd Sd        | 10300 |           |  |  |
| 3rd Carb      | 10726 |           |  |  |
| 3rd Sd        |       |           |  |  |
|               |       |           |  |  |
| Wolfcamp      |       |           |  |  |