

# WELL LOGS

K Z

|             |              |           |                                     |
|-------------|--------------|-----------|-------------------------------------|
| API number: | 30-025-40551 |           |                                     |
| OGRID:      |              | Operator: | CHESAPEAKE OPERATING, INC.          |
|             |              | Property: | MCCLOY RANCH 2 24 32 STATE COM # 1H |

|         |        |   |     |     |      |     |     |
|---------|--------|---|-----|-----|------|-----|-----|
| surface | ULSTR: | N | 02  | T   | 24S  | R   | 32E |
|         |        |   | 100 | FSL | 1980 | FWL |     |

|        |        |   |     |     |      |     |     |
|--------|--------|---|-----|-----|------|-----|-----|
| BH Loc | ULSTR: | C | 02  | T   | 24S  | R   | 32E |
|        |        |   | 200 | FNL | 2020 | FWL |     |

|               |      |     |  |     |       |      |      |
|---------------|------|-----|--|-----|-------|------|------|
| Ground Level: | 3616 | DF: |  | KB: | 3641  |      |      |
| Datum:        | KB   |     |  | MD: | 14459 | TVD: | 9636 |

|                            |            |
|----------------------------|------------|
| Completion Date: (1)       | 9/19/2012  |
| Date Logs Received:        | 10/1/2012  |
| Date C105 Received:        | 10/11/2012 |
| Date Logs/C105 Due in: (2) | 10/9/2012  |

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 |               |
|------|----------------|---------------|
|      | 4940           | 10400 Mud Log |
|      |                |               |
|      |                |               |
|      |                |               |
|      |                |               |
|      |                |               |
|      |                |               |
|      |                |               |

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## OCD TOPS

|               |  |            |  |  |  |
|---------------|--|------------|--|--|--|
| Rustler       |  | Penn       |  |  |  |
|               |  | Cisco      |  |  |  |
|               |  | Canyon     |  |  |  |
|               |  | Strawn     |  |  |  |
|               |  | Atoka      |  |  |  |
| Delaware      |  | Morrow     |  |  |  |
| Delaware Lm   |  | Barnett Sh |  |  |  |
| Delaware Sd   |  | Miss Lime  |  |  |  |
| Bell Canyon   |  |            |  |  |  |
| Cherry Canyon |  |            |  |  |  |
| Brushy Canyon |  |            |  |  |  |
| Bone Spring   |  |            |  |  |  |
| 1st Sd        |  |            |  |  |  |
| 2nd Carb      |  |            |  |  |  |
| 2nd Sd        |  |            |  |  |  |
| 3rd Carb      |  |            |  |  |  |
| 3rd Sd        |  |            |  |  |  |
| Wolfcamp      |  |            |  |  |  |
|               |  |            |  |  |  |

FEB 20 2013