

# WELL LOGS

K Z

|             |              |           |                         |
|-------------|--------------|-----------|-------------------------|
| API number: | 30-025-40532 |           |                         |
| OGRID:      |              | Operator: | CIMAREX ENERGY CO.      |
|             |              | Property: | TRES EQUIS 5 STATE # 1H |

|         |        |   |     |     |     |     |     |
|---------|--------|---|-----|-----|-----|-----|-----|
| surface | ULSTR: | D | 05  | T   | 24S | R   | 33E |
|         |        |   | 330 | FNL | 660 | FWL |     |

|        |        |   |     |     |     |     |     |
|--------|--------|---|-----|-----|-----|-----|-----|
| BH Loc | ULSTR: | M | 05  | T   | 24S | R   | 33E |
|        |        |   | 340 | FSL | 689 | FWL |     |

|               |      |     |      |     |       |      |       |
|---------------|------|-----|------|-----|-------|------|-------|
| Ground Level: | 3657 | DF: | 3682 | KB: | 3683  |      |       |
| Datum:        | KB   |     |      | MD: | 15525 | TVD: | 11126 |

|  |                            |           |            |
|--|----------------------------|-----------|------------|
|  | Completion Date: (1)       | 7/23/2012 |            |
|  | Date Logs Received:        | 9/13/2012 | ***LATE*** |
|  | Date C105 Received:        | 9/13/2012 | ***LATE*** |
|  | Date Logs/C105 Due in: (2) | 8/12/2012 |            |

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 |       |                                      |
|----------|----------------|-------|--------------------------------------|
| DSN/SDL  | 190            | 10540 | Spectral Density Dual Spaced Neutron |
| DLL/MGRD | 5056           | 10572 | Dual Laterolog Micro Guard Log       |
|          |                |       |                                      |
|          |                |       |                                      |
|          |                |       |                                      |
|          |                |       |                                      |
|          |                |       |                                      |

K Z

## OCD TOPS

|               |       |            |  |  |
|---------------|-------|------------|--|--|
| Rustler       | 1249  | Penn       |  |  |
|               |       | Cisco      |  |  |
|               |       | Canyon     |  |  |
|               |       | Strawn     |  |  |
|               |       | Atoka      |  |  |
| Delaware      | 5090  | Morrow     |  |  |
| Delaware Lm   | 5090  | Barnett Sh |  |  |
| Delaware Sd   | 5120  | Miss Lime  |  |  |
| Bell Canyon   | 5090  |            |  |  |
| Cherry Canyon |       |            |  |  |
| Brushy Canyon |       |            |  |  |
| Bone Spring   | 9020  |            |  |  |
| 1st Sd        | 10150 |            |  |  |
| 2nd Carb      | 10388 |            |  |  |
| 2nd Sd        |       |            |  |  |
| 3rd Carb      |       |            |  |  |
| 3rd Sd        |       |            |  |  |
| Wolfcamp      |       |            |  |  |
|               |       |            |  |  |

SEP 27 2012