

# WELL LOGS

K Z

|             |              |           |                                |
|-------------|--------------|-----------|--------------------------------|
| API number: | 30-025-40256 |           |                                |
| OGRID:      |              | Operator: | CIMAREX ENERGY CO. OF COLORADO |
|             |              | Property: | SOUTHEAST LUSK 33 FEDERAL # 3H |

|         |        |   |    |       |          |
|---------|--------|---|----|-------|----------|
| surface | ULSTR: | B | 33 | T 19S | R 32E    |
|         |        |   | 25 | FNL   | 2460 FEL |

|        |        |   |     |       |          |
|--------|--------|---|-----|-------|----------|
| BH Loc | ULSTR: | O | 33  | T 19S | R 32E    |
|        |        |   | 352 | FSL   | 1945 FEL |

|               |      |     |      |      |       |
|---------------|------|-----|------|------|-------|
| Ground Level: | 3560 | DF: | 3579 | KB:  | 3580  |
| Datum:        | KB   |     |      | MD:  | 14241 |
|               |      |     |      | TVD: | 9459  |

Land: **STATE**

Completion Date: (1) **2/10/2012**  
 Date Logs Received: **5/17/2012** \*\*\*LATE\*\*\*  
 Date C105 Received: **5/17/2012** \*\*\*LATE\*\*\*  
 Date Logs/C105 Due in: (2) **3/2/2012**

|               |    |  |  |           |  |
|---------------|----|--|--|-----------|--|
| 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  | 200            | 8712 | Spectral Density Dual Spaced Neutron |
| DLL/MGRD | 4291           | 8760 | Dual Laterolog Micro Guard Log       |
|          |                |      |                                      |
|          |                |      |                                      |
|          |                |      |                                      |
|          |                |      |                                      |
|          |                |      |                                      |

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## OCD TOPS

|              |      |             |      |  |  |
|--------------|------|-------------|------|--|--|
| Rustler      | 857  | Bone Spring | 7316 |  |  |
| Tansill      |      | 1st Sd      | 8493 |  |  |
| Yates        | 2664 | 2nd Carb    |      |  |  |
| 7 rvs        |      | 2nd Sd      |      |  |  |
|              |      | 3rd Carb    |      |  |  |
|              |      | 3rd Sd      |      |  |  |
| Queen        |      | Wolfcamp    |      |  |  |
| Penrose      |      |             |      |  |  |
| Grayburg     |      | Strawn      |      |  |  |
| San Andres   |      | Atoka       |      |  |  |
| Glorieta     |      | Morrow      |      |  |  |
| Yeso         |      |             |      |  |  |
| Abo          |      |             |      |  |  |
|              |      | Barnett Sh  |      |  |  |
| Capitan Reef |      | Miss Lime   |      |  |  |
| Getaway Bank |      |             |      |  |  |
| Delaware Sd  | 4692 |             |      |  |  |
|              |      |             |      |  |  |
|              |      |             |      |  |  |

JUN 12 2012