

# WELL LOGS

K Z

|             |              |           |                       |
|-------------|--------------|-----------|-----------------------|
| API number: | 30-041-20939 |           |                       |
| OGRID:      |              | Operator: | ARMSTRONG ENERGY CORP |
|             |              | Property: | PEP 36 STATE # 1      |

|         |        |   |      |     |     |     |     |
|---------|--------|---|------|-----|-----|-----|-----|
| surface | ULSTR: | M | 36   | T   | 05S | R   | 33E |
|         |        |   | 1980 | FNL | 660 | FWL |     |

|        |        |   |      |     |     |     |     |
|--------|--------|---|------|-----|-----|-----|-----|
| BH Loc | ULSTR: | M | 36   | T   | 05S | R   | 33E |
|        |        |   | 1980 | FNL | 660 | FWL |     |

|               |          |     |          |     |          |  |
|---------------|----------|-----|----------|-----|----------|--|
| Ground Level: | **Conf** | DF: | **Conf** | KB: | **Conf** |  |
| Datum:        | KB       |     |          | TD: | 7956     |  |

Land: STATE

Completion Date: (1) 4/12/2010

Date Logs Received: 4/29/2010

Date Logs Due in: (2) 5/2/2010

|               |     |  |  |           |           |  |
|---------------|-----|--|--|-----------|-----------|--|
| Confidential: | YES |  |  | Date out: | 7/29/2010 |  |
|---------------|-----|--|--|-----------|-----------|--|

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 |          |                              |
|-------------|----------------|----------|------------------------------|
| TD LD CN/GR | **Conf**       | **Conf** | Three Detector Litho-Density |
| CBL         | **Conf**       | **Conf** | Cement Bond Log              |
|             |                |          |                              |
|             |                |          |                              |
|             |                |          |                              |
|             |                |          |                              |
|             |                |          |                              |
|             |                |          |                              |

K Z

## OCD TOPS

|            |          |           |  |  |  |
|------------|----------|-----------|--|--|--|
| Rustler    | **Conf** | Strawn    |  |  |  |
| Tansill    | **Conf** | Atoka     |  |  |  |
| Yates      | **Conf** | Morrow    |  |  |  |
| 7 rvs      | **Conf** |           |  |  |  |
|            | **Conf** | Austin    |  |  |  |
|            | **Conf** | Chester   |  |  |  |
| Queen      | **Conf** | Miss Lime |  |  |  |
| Penrose    | **Conf** |           |  |  |  |
| Grayburg   | **Conf** |           |  |  |  |
| San Andres | **Conf** |           |  |  |  |
| Glorieta   | **Conf** |           |  |  |  |
| Yeso       | **Conf** |           |  |  |  |
| Blinbry    | **Conf** |           |  |  |  |
| Tubb       | **Conf** |           |  |  |  |
| Lower Yeso | **Conf** |           |  |  |  |
| Abo        | **Conf** |           |  |  |  |
| Wolfcamp   | **Conf** |           |  |  |  |
| 3 Bros     | **Conf** |           |  |  |  |
| Cisco      | **Conf** |           |  |  |  |