

# WELL LOGS

K Z

|             |              |           |                         |
|-------------|--------------|-----------|-------------------------|
| API number: | 30-005-29143 |           |                         |
| OGRID:      |              | Operator: | MACK ENERGY CORP        |
|             |              | Property: | MICKEY FEDERAL COM # 1H |

|         |        |   |      |       |         |
|---------|--------|---|------|-------|---------|
| surface | ULSTR: | H | 27   | T 15S | R 30E   |
|         |        |   | 1830 | FNL   | 460 FEL |

|        |        |   |     |       |          |
|--------|--------|---|-----|-------|----------|
| BH Loc | ULSTR: | D | 27  | T 15S | R 30E    |
|        |        |   | 952 | FNL   | 4383 FEL |

|               |      |     |      |     |       |      |      |
|---------------|------|-----|------|-----|-------|------|------|
| Ground Level: | 4090 | DF: | 4108 | KB: | 4109  |      |      |
| Datum:        | KB   |     |      | MD: | 13031 | TVD: | 9055 |

|                      |                            |            |            |
|----------------------|----------------------------|------------|------------|
|                      | Completion Date: (1)       | 11/15/2010 |            |
|                      | Date Logs Received:        | 1/25/2011  | ***Late*** |
|                      | Date C105 Received:        | 1/25/2011  | ***Late*** |
| Land: <b>FEDERAL</b> | Date Logs/C105 Due in: (2) | 12/5/2010  |            |

|               |    |  |  |           |  |
|---------------|----|--|--|-----------|--|
| 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 |                                   |
|-------------|----------------|-----------------------------------|
| TD LD CN/GR | 100            | 9559 Three Detector Litho-Density |
| HRLA        | 589            | 9559 High Resolution Laterolog    |
|             |                |                                   |
|             |                |                                   |
|             |                |                                   |
|             |                |                                   |
|             |                |                                   |
|             |                |                                   |

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## OCD TOPS

|              |      |              |  |  |
|--------------|------|--------------|--|--|
| Rustler      | 807  | Strawn       |  |  |
| Tansill      | 1650 | Atoka        |  |  |
| Yates        | 1783 | Morrow       |  |  |
| 7 rvs        | 2036 |              |  |  |
| T. Bowers Sd | 2344 | Austin       |  |  |
| B. Bowers Sd | 2427 | Chester      |  |  |
| Queen        | 2567 | Miss Lime    |  |  |
| Penrose      | 2730 | Woodford     |  |  |
| Grayburg     | 2974 | Devonian     |  |  |
| San Andres   | 3312 | Silurian     |  |  |
| Glorieta     | 4867 | Fussleman    |  |  |
| Yeso         | 4917 | Montoya      |  |  |
| Blinbry      |      | Simpson      |  |  |
| Tubb         | 6152 | Mckee        |  |  |
| Lower Yeso   | 6446 | Ellenburger  |  |  |
| Abo          | 6955 | Granite Wash |  |  |
| Wolfcamp     | 8262 | preCambrian  |  |  |
|              |      |              |  |  |
|              |      |              |  |  |