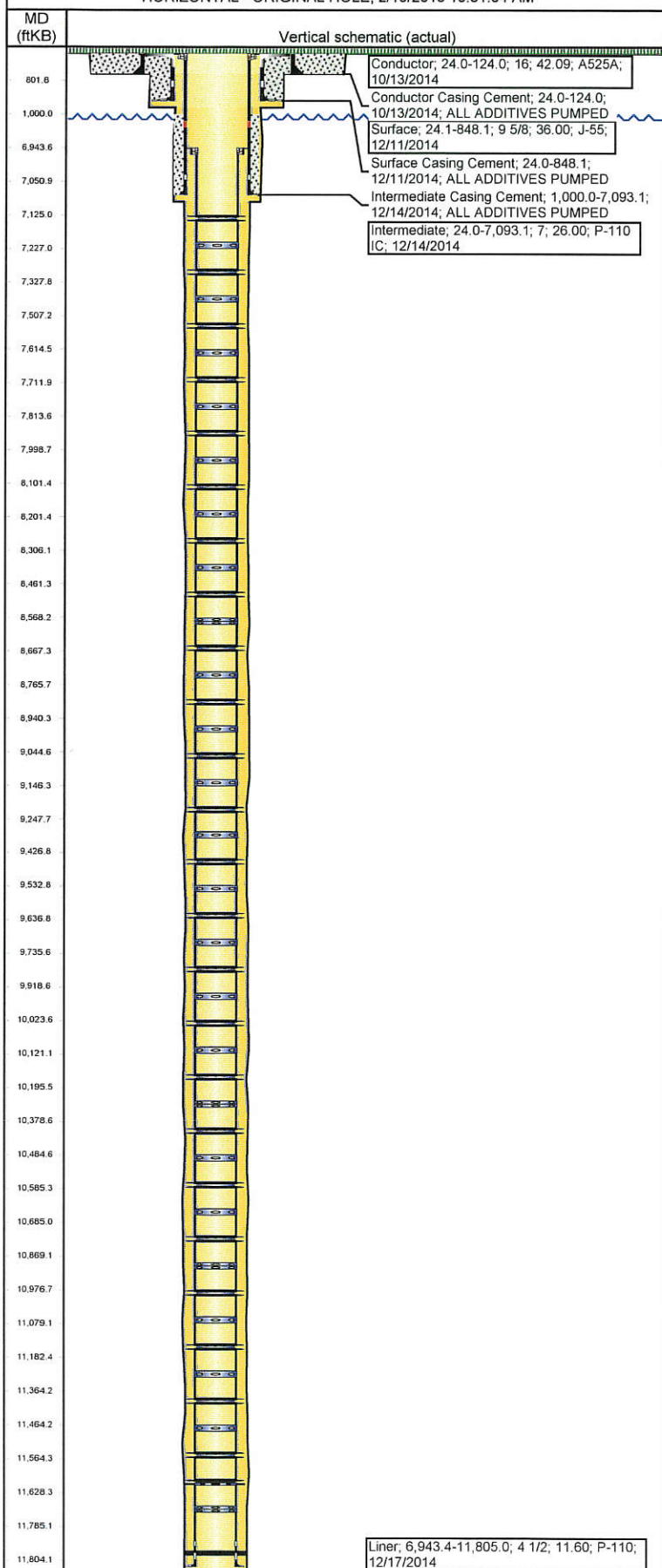


Well Name: MAHALO STATE AA09-79HNC

HORIZONTAL - ORIGINAL HOLE, 2/19/2015 10:31:04 AM



## Well Header

|  |                               |                         |                           |
|--|-------------------------------|-------------------------|---------------------------|
| API<br>05-123-39105                    | Business Unit<br>DJ BASIN     | District<br>15          | Well Config<br>HORIZONTAL |
| Original KB Elevation (ft)<br>4,723.00 | KB - GL / MSL (ftKB)<br>24.00 | Spud Date<br>12/10/2014 | P & A Date                |

Comment  
DESIGNATED WELL FOR CASED HOLE NEUTRON POROSITY LOG ON THIS 6 WELL PAD WILL BE MAHALO STATE AA09-79-1HNB

VALIDATED WELL FOR FORM 5 ONLY - WELL WILL BE FRAC'D/COMPLETED AT LATER DATE

### Directions To Well

WCR 65 & WCR 74, EAST .1 MILE, SOUTH .5 MILES, EAST .2 MILES, SOUTHWEST .2 MILES, SOUTHEAST .1 MILES, SOUTH .2 MILES INTO LOCATION

### Current PBTD (ftKB)

ORIGINAL HOLE - 11,803.0

### Surface Location (Congressional)

| Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 | Section | Township | Twnshp N... | Range | Rng E/W Dir |
|-----------|-----------|-----------|-----------|---------|----------|-------------|-------|-------------|
|           |           | SW        | SW        | 4       | 6        | N           | 63    | W           |

### Bottom Hole Location

| North-South Distance (ft) | From N or S Line | East-West Distance (ft) | From E or W Line |
|---------------------------|------------------|-------------------------|------------------|
| 30.0                      | FNL              | 60.0                    | FWL              |

### Plug Back Total Depths

| Date       | Depth (ftKB) | Method       | Com          |
|------------|--------------|--------------|--------------|
| 12/17/2014 | 11,803.0     | CASING TALLY | FLOAT COLLAR |

### Wellbore Sections

| Section Des  | Size (in) | Act Top, MD (ftKB) | Act Btm, MD (ftKB) |
|--------------|-----------|--------------------|--------------------|
| CONDUCTOR    | 26        | 24.0               | 124.0              |
| SURFACE      | 13 1/2    | 124.0              | 853.0              |
| INTERMEDIATE | 8 3/4     | 853.0              | 7,098.0            |
| LINER        | 6 1/8     | 7,098.0            | 11,820.0           |

### Zone Statuses

| Zone Name | Status Date | Status | Fluid Type | Job   |
|-----------|-------------|--------|------------|---|
| NIOBRARA  | 2/18/2015   | NC     |            | DRILLING/COMPLETION - ORIGINAL, 12/8/2014 22:30 |

### Casing Strings

| Csg Des      | Run Date   | OD (in) | Wt/Len (lb/ft) | Grade    | Top, MD (ftKB) | MD (ftKB) |
|--------------|------------|---------|----------------|----------|----------------|-----------|
| Conductor    | 10/13/2014 | 16      | 42.09          | A525A    | 24.0           | 124.0     |
| Surface      | 12/11/2014 | 9 5/8   | 36.00          | J-55     | 24.1           | 848.1     |
| Intermediate | 12/14/2014 | 7       | 26.00          | P-110 IC | 24.0           | 7,093.1   |
| Liner        | 12/17/2014 | 4 1/2   | 11.60          | P-110    | 6,943.4        | 11,805.0  |

### Cement

| Des                        | Top (ftKB) | Btm (ftKB) |
|----------------------------|------------|------------|
| Conductor Casing Cement    | 24.0       | 124.0      |
| Surface Casing Cement      | 24.0       | 848.1      |
| Intermediate Casing Cement | 1,000.0    | 7,093.1    |

### Tubing Components

| Item Des | OD (in) | Wt (lb/ft) | Grade | Jts | Len (ft) |
|----------|---------|------------|-------|-----|----------|
|          |         |            |       |     |          |

### Perforation Data

| Zone | Brch/St g | Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date |
|------|-----------|--------------------|------------|------------|------|
|      |           |                    |            |            |      |

### Other In Hole

| Run Date | Des | OD (in) | Top (ftKB) | Btm (ftKB) |
|----------|-----|---------|------------|------------|
|          |     |         |            |            |

### Logs

| Date       | Type        | Top, MD (ftKB) | Btm, MD (ftKB) |
|------------|-------------|----------------|----------------|
| 12/16/2014 | MUD LOGGING | 1,000.0        | 11,820.0       |
| 12/17/2014 | MWD         | 853.0          | 11,820.0       |