

Bogart Fed. #1

| Mud<br>Logger | Electric<br>Logs | Formation<br>tops | Hole<br>Size | Casing<br>& Cement                             | Mud<br>Program |
|---------------|------------------|-------------------|--------------|------------------------------------------------|----------------|
|               |                  |                   | 17 1/2"      |                                                | NATIVE FW      |
|               |                  | T. SALT           | ↓            | 13 3/8" cemented to surface                    | ↑              |
|               |                  | B. SALT           | 12 1/4"      |                                                | SAT. BRINE     |
|               |                  | yates             |              |                                                | *              |
|               | GR/CNL           | 7 Rivers          |              | 9 5/8" cemented to surface                     |                |
|               | * ↓              | Queen             | ↓            |                                                |                |
|               |                  | GRAYBURG          |              |                                                |                |
|               |                  | SAN ANDRES        | 7 7/8"       |                                                |                |
|               |                  | Lovington         |              |                                                |                |
|               |                  |                   |              |                                                |                |
|               |                  | Abo               |              |                                                |                |
|               |                  |                   |              |                                                | NATIVE FW      |
|               |                  | Wolfcamp          |              |                                                |                |
|               |                  |                   |              |                                                |                |
|               | GR/CNL           | Penn              |              |                                                | *              |
|               | LDL              |                   |              |                                                |                |
|               | DLL              |                   |              |                                                | MW-8.6         |
|               |                  | STRAWN            |              |                                                | WL-15          |
|               |                  | Atoka             |              |                                                |                |
|               |                  | MORROW CLASTICS   |              |                                                |                |
|               |                  | Lower Morrow      |              |                                                | MW-8.7         |
|               |                  | BARNETT           |              | 4 1/2" cemented back to surface or into 2 5/8" | WL-10          |
|               |                  |                   |              |                                                | Visc-36        |