

ORYX ENERGY COMPANY
ONSHORE USA

MAVEETY WEIR UNIT #10

FORMATION Dual Laterolog W/GR & Caliper: TD to surface
EVALUATION: casing.
Compensated Neutron / Lithodensity W/GR TD
minum run.
Mud Logger on by 2400' and catch 10'samples
2400' to TD.

MUD PRPGRAM:

| INTERVAL | MUD SYSTEM | MUD WEIGHT | VIS | WL |
|-----------|-------------|------------|-------|----|
| Surf-500' | FW-GEL-LIME | 8.4-9.0 | 35-45 | NC |

Spud well with fresh water. Sweep hole as necessary with gel & lime pills. Treatable water depth is estimated at 300'. Drill surface hole to 500' or 50' into the red bed formation (Top of Red Bed anticipated at 450'). No circulation problem are expected. Keep LCM on location and batch treat should lost circulation occur. Run all solid control equipment. Run screens as fine as possible to maintain two thirds coverage.

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|------------|------------|---------|-------|----|
| 500'-1100' | NATIVE MUD | 8.5-9.5 | 32-34 | NC |
|------------|------------|---------|-------|----|

Red Bed can present problems in this area. Drill out Surface Casing with fresh water converting to a native mud with 32-34 vis to control the Red Beds section. Begin adding saturated salt brine at 1100'.

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|-------------|-----------------|-----------|-------|----|
| 1100'-3000' | SATURATED BRINE | 10.0-10.2 | 32-34 | NC |
|-------------|-----------------|-----------|-------|----|

Salt section (Rustler Anhydrite) to be encountered below 1100' Prevent salt erosion by adding saturated brine to mud system.

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|----------|----------|-----------|-------|-------|
| 3000'-TD | SALT GEL | 10.2-10.5 | 34-45 | 10-20 |
|----------|----------|-----------|-------|-------|

Mud up at 3000' with Salt Gel and drill to TD. Treat lost circulation or seepage with LCM. Sweep hole prior to logging.

SOLID CONTROL: Run all solid control equipment on rig to minimize low gravity solids and mud density.

DIRECTIONAL: Run drift type surveys on surface hole at 500' And on production hole run surveys at a minimum of every 500' and on all trips. Well is to be drilled as a straight hole.

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