



Field: Eugene Island #24  
Area: Gulf of Mexico - Offshore

Depth Out: 15,308ft  
Depth In: 13,148ft  
Footage: 2,160ft  
ROP: Average 30ft/hr

Tool Size Serial #: 9 $\frac{7}{8}$ " x12" S#41012-30

Drilling Hrs: 72 hours In Hole Hours: 117 hours

BHA: 9 $\frac{7}{8}$ " PDC Bit, EWD, 1.5° motor, MWD, 9 $\frac{7}{8}$ " Stabilizer

WOB: 6-25K RPM: 50-60 Hole DEV: Build 7° - 45°

Rotary Torq off Bottom: 4-6 k ft lb Rotary Torq on Bottom: 4-6 k ft lb Hook Load: 370 k

Mud Type: SBM Mud Wt: 16.9 ppg Visc: 54

GPM: 640-700 SP Press: 3,200-3,700 psi BHT: \_\_\_\_\_

**Comments:**

**10 $\frac{3}{4}$ " Expandable liner run and cemented.**

**RIH with EWD and drilled cement and shoe track.**

**Drilling from 13,148 ft to 15,010 ft at average ROP of 40 ft/hr. Angle built very successfully from 7° to 45° with only 37% sliding.**

**Rotating ROP 80-120 ft/hr and sliding ROP 30-60 ft/hr.**

**From the top of sand at 15,219 ft to 15,308 ft the ROP dropped to 10 to 15 ft/hr. The mud motor was stalling.**

**EWD showed 70% wear due to abrasive sands. Two bi-centers (SRWD) ran in hole and completely worn out in last few hundred feet**

Field: South Timbalier 72  
Area: Gulf of Mexico - Offshore

Depth Out: 17,626ft  
Depth In: 13,893ft  
Footage: 3,733ft  
ROP: Average 40ft/hr

Tool Size Serial #: 6¾" x 8¾" EWD Serial # 467-48/#467-132

Drilling Hrs: 97 hours In Hole Hours: 178 hours

BHA: 6¾" Bit, Rotary Steerable, MWD, LWD, 6¾" Stab, EWD, 4¾" DC, 6¾" Stab

WOB: 0-18,000K RPM: 50-120 Hole DEV: 4° - 53°

Rotary Torq Off Bottom: 4-6K ft lbs Rotary Torq on Bottom: 5-7.5k ft lbs Hook Load: 375,000 lbs

Mud Type: Synthetic Based Mud Wt: 16.1ppg Visc: 77 funnel

GPM: 267-282 gpm SP Press: 3,600 - 4,200 psi BHT: 295° F

**Comments:**

After running liner, drilled out cement with RSS BHA with EWD. Drilled and reamed shale in several 50 to 100 feet sand sections while building the inclination from 4° to 53° and turning the azimuth from 32° to 48°.

Lost circulation at 17,626 feet, began circulating to control well plus pumped LCM.

Decided to place cement plug at 16,250 feet and only run 7" liner in top part of hole. Cement was strung up the hole on trip out of the hole.

Ran EWD above near bit stabilizer and rock bit to make a wiper trip to ensure a clean (cement free) hole to run liner.

Liner ran to bottom and cemented successfully.