

(Cont'd)

8-24-90 Circulate and work pipe at TD with 2 MM air and 1 BPM water with 15 Bbl water sweeps each hour. Returns light 1/8" coal in clear water.

Hole sloughed in; lay down 5 jts, hole unloaded heavy slug of coal. Clean out from 3121' to 3215' - returns heavy coal in black water.

8-25-90 7" casing at 2940'; open hole 2940-3278'.

Clean out from 3215' to TD with 2 MM air and 1 BPM water. Returns heavy coal in black water.

Circulate and work pipe at TD with 2 MM air, 1 BPM water, 15 Bbl water sweeps hourly. Returns light coal in gray water.

Hole sloughed. Pulled 5 jts drill pipe to free pipe. Bit at 3121'.

Clean out from 3121-3215'. Hole sticky. Returns heavy coal in black water.

Pressure on drill pipe started increasing. Bit appeared to be plugging.

8-26-90 7" casing at 2940'; open hole 2940-3278'.

Clean out at 3130' with 200 psi back pressure on casing.

POOH with plugged bit. Bit plugged with fine coal dust. Bit was 1/2" undergauge. Dump mud pit and clean.

Pick up 6 1/4" Smith FDT, rerun. TIH, tag at 3050'.

Clean out at 3130'. Tried various air and water rates with no success.

Load hole with water with back pressure. Change out stripper rubber.

Attempt to clean out with water with 200 psi on casing.

8-27-90 7" casing at 2940'; open hole 2940-3278'.

Attempt to catch fish at 3147'. Fish going down hole.

Unload well with air. Attempt to clean out with 3 MM air. Had high torque and high standpipe pressure. Check floats in drill string. Not holding.

Pump 35 Bbl water down drill pipe. Lay down 1 jt drill pipe.

Wait on wireline truck.

Rig up Jay wireline. Run 1.875" gauge ring to 3197'. Run 1.75" blind box to 3232'. Set Otis PN plug in N nipple at 3097'. Rig down wireline.

POOH with drill pipe. Drill string parted at pin at bottom collar. Left bit, bit sub and string float sub in well. Overall length 5.4'.

Wait on fishing tools and gauge well: 1/4 hr - 80 psi, 8232 MCFD; 1/2 hr - 88 psi, 8948; 3/4 hr - 92 psi, 9309; 1 hr - 96 psi, 9664; 1 1/4 hr - 100 psi, 10002; 1 1/2 hr - 104 psi, 10182; 1 3/4 and 2 hr - 106 psi, 10362 MCFD (all gauges mist).

Pick up 6 1/8" outside diameter over shot with 4 3/4" grapple with cutrite guide, jars and bumper sub. TIH, tag fish at 3088'.

Clean out with air from 3088' to top of fish at 3125'.

Clean out and attempt to catch fish. Fish going down hole. Fish at 3147'.

8-28-90 7" casing at 2940'; open hole 2940-3278'.

Mixing mud.

Work fish down to 3176', made connection. Standpipe pressure went to 800 psi, could not circulate.

POOH, had downhole fire. Left overshot, jars, bumper sub, crossover, one 4-3/4" drill collar and half of another drill collar; overall length = 66.32'. Top of fish at 3104'.

Lay down remaining 8 drill collars. Drain and clean mud pits; wait on mud and fishing tools.