

FEB. 15, 1972:

Big Eddy Unit	15	11517 TD	4510 PBTD. Preparing to run tubing with production packer.
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Rigged up Schlumberger -- ran logging tool; unable to go below 4320' and pulled out of hole. Ran Reed YRS (4 5/8") bit on tubing -- washed and drilled cement stringers and cement from 4355' to 4510'; circulated clean and pulled out of hole. Ran Schlumberger GR-N with CCL logging tool -- correlated to original open hole logs; tagged PBTD at 4508'; logged from bottom to 3000'. Job complete at 3:55 p.m. Ran perforating gun -- correlated to casing collars and perforated 5 1/2" OD casing from 4476' to 4486' with 2 jet shots per foot. Job complete at 4:25 p.m., 2-14-72. Secured well for overnight.

FEB. 16, 1972:

Big Eddy Unit	15	11517 TD	4510 PBTD. Preparing to resume swabbing.
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Ran Halliburton RTTS packer on 2 3/8" OD EUE tubing; set packer at 4434' (no tubing below packer). Removed BOP's and installed tree. Began swabbing at 11:00 a.m. with fluid level at surface -- swabbed 6 hours, recovering 150 bbls. salt water with no show of oil or gas. Water checked 152,440 ppm salt. Fluid level lowered to 1500' and stabilized. Shut down swabbing for 15 minutes and fluid level raised to 500'. Secured well at 5:00 p.m.

FEB. 17, 1972:

Big Eddy Unit	15	11517 TD	4510 PBTD. Waiting on orders.
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Commenced swabbing with fluid level at 400'. Swabbed 9 hours, lowering fluid level to 1500' and stabilizing. Swabbed 225 bbls. salt water with no show of oil or gas. Secured well. Water checked 128,000 ppm salt.

FEB. 18, 1972:

Big Eddy Unit	15	11517 TD	4510 PBTD. Preparing to pull tubing and packer -- will run cement retainer and cement perforations 4476-4486'. Shut down yesterday -- no activity.
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FEB. 19, 1972:

Big Eddy Unit	15	11517 TD	(Retainer at 4423'). WOC.
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Removed tree; installed preventers; pulled tubing and RTTS packer. Picked up Halliburton EZ drill cement retainer. Set retainer at 4423'. Tested casing to 1500 psi, tubing to 5000 psi. Opened retainer and pumped into formation at 2600 psi. Pump rate 3 bbls. per minute. Mixed 300 sacks class H cement containing 1/4% of of CFR-2, in 16 minutes; slurry weight 16.6 PPG; pumping time 5 minutes; maximum pressure 2300 psi. Displaced with 16 bbls. Picked up out of retainer and reversed out 5 sacks cement. Job complete at 12:00 noon. Pulled tubing and setting tool. Went into hole with a 4 5/8" Reed YSR bit on four 3 1/8" drill collars and tubing. Ran to 4000' and secured well.

FEB. 20, 1972:

Big Eddy Unit	15	11517 TD	Retainer at 4423'. WOC. Preparing to drill out cement retainer and cement.
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FEB. 21, 1972:

Big Eddy Unit	15	11517 TD	4510 PBTD. Preparing to log.
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Finished running tubing -- rigged up reverse equipment -- tagged top of cement at 4422'. Drilled cement retainer and solid cement to 4510'; circulated hole clean and pulled out of hole with bit.