

Cygnus Alpha Team work & Learning delivering real value.

(8 hrs = £ 80,000 saved on first section post cutting skip modification)



The After action review for drilling the 12 ¼” section and 8 ½” section highlighted that the 4 station cuttings skip set up was a limiting factor during high wind speed. Based on past experience there was a 5 station solution which enabled the Starboard Aft electric cranes to access the 5th cuttings bin – being able to reach the 5th station eliminated the need for transferring the cuttings by Vacuum which would limit the ROP to 50 feet per hour and was also very labour intensive.

During the A2 well the 5th station was added, and while drilling the next 12 ¼” section requiring LTOBM on A3, high wind speeds were encountered over a period of almost 36hrs. The Port forward crane was in its rest position unable to work due to wind speed.

However due to the 5th station extension the electric crane was able to access this station drilling continued on and it was the best recorded footage per/hr for the drilling of the three 12 ¼” sections on CYGNUS A to date. There was no reduction in ROP due to cuttings skip management. The electric crane, deck crew and Auger sailed through the test.

The 5th station extension has paid dividends. During the 36hr period a total of 2243ft drilled at an average of 62ft per hour. Using the Vac would have reduced the ROP to 50ft per hour over this period. In conclusion drilling at that rate it would have taken an extra 8 eight hrs to drill the same footage. **(Cost savings £ 80,000)**

This has high replication value for drilling all hole section requiring LTOBM – The value will be tracked over the course of the project -

A great testimony to managing the team input during the AAR with a value outcome that improves safety, efficiency and performance.

Times of Operations	
Target Time	244.5 hrs
Actual Time	209.75 hrs
ILT Recorded	0hrs
NPT Reported	1hrs



The 5th skip is now in the working radius of the Starboard aft crane.