



Case History  
GOM Below 24,000'  
5 3/4" x 4 1/2" XDS  
HES "HHH" Production Packer

From Client: First Shoe

"At this time we have 12 – 12-1/2" Milled. The portion of the Packer that we are on now is 5.750" O.D. and has a Wall thickness of 1.05". Very tough and slow going due to being limited on RPMs by the torques required to rotate at nearly 24,000-feet. Still cutting tho"

"Some Good News this morning. We have been on bottom a total of 42-hrs w/ Rotating Hours at 40-hrs. Total hole milled has been ~26.0" as of 06:30-hrs this morning. The Shoe began showing signs of pressure increase (+120-psi) on bottom. We are POOH now pumping out to keep the milled particles above the shoe until we clear the 7.00" Liner Top. GOOD RUN!!!!!!!!!"



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2nd Shoe:

"Ran the last Shoe for 12-hrs. Looked like it was brand new. A ring directly above the skip section was spinning the entire time.

Resort to a third run of packer mill to allow getting rougher to stop the spinning.

Presently running Test Packer to perform monthly required casing test. "

"Here is Shoe #2 after 68-hours of Rotating. By measurements and Torque Indications on bottom, I feel that we are in the Packer Slips. Had to jar the Shoe free twice in this run with 50K Loads x 15 Impacts and again with 50K Loads x 2 Impacts. Max overpull was 60K to free. You can see sever wear inside along with one broken blade. Also had parts of the packer wedged internal at the top of the Blades. Just like a "good watch" took a beating and kept on ticking. Running a carbide shoe for the last little distance due to timing of boat reaching platform with the third Diamond Shoe. Will let you know the outcome."

2nd Shoe Total 12 + 68 = 80 Hours Rotating



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