

# X-treme SJI technology completed first plug and abandonment operation 22% faster than previous job

## CHALLENGES

- Customer had previously completed three successful P&A operations using established technology and wanted improved performance
- Prove the X-treme SJI technology and then optimize operations over other wells in the campaign
- The selected well was previously abandoned above the reservoir leaving the environmental plugs to complete

## SOLUTION

The **X-treme™ SJI™ mechanical tool** performed slotting at 470 ft to 465 ft and 970 ft to 965 ft. After completing four rows of slots at the desired depths at 0°, 90°, 180° and 270°, the tool was changed into flowing mode allowing the selectable cups to be placed 5 ft from the top of the lower slots. This optimized cleaning between the 9 5/8-in. and the 13 3/4-in. annular section by pumping 50 bbl washing fluid and circulating clean. Returns were taken up the choke and kill lines via the mud gas separator.

## RESULTS

- Completed P&A operation in 10.5 hours, 22% faster than the customer's average on previous wells
- Observed good indication of slotting at surface on the weight indicator coupled with loss of fluid from the trip tank
- Recorded no nonproductive time (NPT)

X-treme SJI performance vs. previous operations

