

Case History
Smith TXT Packer
3.875" X 3.125" XDS



Prior to running the XDS diamond shoe there were several (2-3) WC shoes that could not cut the first set of four strap-set Slip Block that held six 3/8" Carbide Slip Buttons.

The 3 7/8" X 3 1/8" XDS Diamond Shoe cut the several inches of WC Shoe junk and then cut all of the first blocks and 2/3 of the lower blocks then the packer released.

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NEW

The shoe was run with very light WOB and moderate RPM.

WOB = 500 to 1000 lbs

RPM = 100-120

GPM = 80

Estimate run time of 7 hrs



You can see where at least one 3/8" WC slip button was loose and cut into the soft capping powder in the gage of the shoe.

USED

Estimated wear is about 10% (.050" of .5")