

PROPOSED WORK

PRODUCTION HOLE:

1. Kill well. TOOH with the tubing and packer. TIH with a bit and scraper to 6900' (bottom of 7" at 6920'). TOOH. TIH with a CIBP and set at +6854' (top of CIBP). TIH and circulate the hole with fresh water and pressure test the casing and CIBP to 1000 psi. TOOH. TIH with a Smith 3 degree bottom set retrievable whipstock, starting mill, orienting sub and drill pipe. Stop at a point 5-10' above the CIBP, reciprocate pipe and rig up a wireline to run the gyro. Take a gyro reading and determine the direction of the whipstock face. Rotate the pipe as needed to achieve the required direction. Reciprocate and lower the pipe to within one foot of the CIBP and take another gyro reading. Rotate pipe again if needed to achieve the required direction (325 degrees). This step may need to be repeated several times until confident the whipstock is oriented in the correct direction.
2. Lower drill pipe to set the whipstock. The weight indicator will jump indicating lower plunger shear pin is sheared (3600 #'s) and the whipstock is set. Continue setting down to shear the starting mill bolt (20,000 #'s). The weight indicator will jump again indicating the bolt is sheared. Commence milling operations.
3. Pick up the power swivel and begin circulating. Pick up drill pipe until starting mill has cleared the whipstock and start rotation. Lower the drill pipe slowly until the torque gauge suggests the starting mill is contacting the casing. Adjust weight and speed until satisfied with the penetration rate. Mill to a predetermined depth that will assure the setting lug is completely removed and a cutout in the casing has been initiated. TOOH.
4. TIH with the bi-mill. Resume milling operations and mill until the complete assembly has cleared the casing. Pick up and lower the string several times without rotation to assure a good clean window has been obtained. Circulate the hole clean. TOOH.
5. Inspect the mill on the surface. If extreme wear is evident, consideration should be given to repeating the above step.