

CATCLAW DRAW UNIT #13

Procedure

1. MIRU slickline unit, RIH with sinker bars to packer depth of 10,710'.
2. Set a blanking plug (tubing stop) in the 2 3/8" tubing at a collar, 1 or 2 joints above the packer.
3. RIH with a tubing punch to get a hole in the tubing just above the plug set in Step 2.
4. Swab as much packer fluid as possible off the backside to keep from dumping it on the low pressure Morrow "C" zone. NOTE: Capacity of annulus is approximately 190 barrels.
5. RU service unit, ND tree, NU BOP and dual vent lines to try and work on well without killing it.
6. PU on tubing and release Guiberson UNI-6 packer at 10,710' (NOTE: Packer has an on/off tool also a Guiberson XL.)
7. TOH with tubing, packer and gun assembly if still attached as suspected.
8. RU full lubricator and wireline to reperforate. RIH with gauge ring to 10,800'. RIH with casing guns and reperforate the main Morrow "C" zone at 10,734-10,770' (36' total) and a new Morrow "C" zone just above at 10,697-10,704' (7' total). Perforate at 4 spf, 90 or 120° phasing and with maximum premium charges. Correlate to the Schlumberger 5/11/80 Neutron/Density log.
9. After perforating, wireline in a Guiberson UNI-6 packer with lower half of on/off tool on top. Also have a pup joint below packer with a profile nipple smaller than the packer, another pup joint and a class disk, then a wireline re-entry sub. Set packer between 10,600-10,650'.
10. RIH with upper portion of on/off tool and tubing., hydrotesting to 5000 psi.
11. Circulate hole with packer fluid, latch onto packer and test annulus/packer to 750-1000 psi for 15 minutes.
12. Swab down tubing as far as possible, drop bar to break glass disk, swab well in.
13. Flow well 1-2 days and prep to treat.
14. RU service company to treat Morrow "C" zones per attached procedure.
15. Flow back well to clean up and put down sales line.
16. Report production on Morning Report for 10-14 days.