

# Renegade Oil & Gas Company

## **Pugh #20-7**

**SE NE SECTION 20, T2S, R64W**

**WATTENBERG FIELD**

**ADAMS COUNTY, COLORADO**

### **WORKOVER REPORT**

7/7/03 – MIRU Key Energy Services rig #100. Unhang well. Perform rig maintenance. SDFN.

7/8/03 – Unseat pump. TOH rods and pump. Nipple down well. Release anchor. TOH with production tubing. SDFN.

7/9/03 – RU hydrotester. Test packer and tubing in hole to 7000# - broke 1 joint @ 7000#. Tag bottom. Lay down 2 joints. Pull 2 swab runs. IFL@ 4800'. FFL@ 5500'. Lay down 2 additional joints. Set packer. RU Maverick Stimulation Company. Pump 1000 gallons 10% HCl acid. Well loaded with 23 barrels. Pump 6 barrels acid through perfs at 1.8 BPM @ 1000# and shut down. Reload with 10 barrels after 7 minutes. Pump 164 barrels treated water at average 5 BPM and 2200#. Shut down with 1.2 BPM vacuum. Pump 500 gallons 7 ½% HCl acid and flushed with 31 barrels treated water at 2.5 BPM and 500#. Instant vacuum. RD Maverick. Made 2 swab runs of 500' each. SDFN.

7/10/03 – ITP – 60#. Made 2 swab runs of 300' each. Release packer and TOH. TIH with production tubing (MA,SN, 5 joints, TA and 256 joints). Set anchor and land tubing 15' off bottom. Nipple up wellhead. SDFN.

7/11/03 – TIH with pump and rods. Space and seat pump. Long stroke. Hang well on. SDFD.

7/14/03 – Well not pumping. Load well with 2 barrels from hot oiler. Pressure to 300#. Can't get well to pump. Unhang well. Unseat pump and TOH. TIH with new pump and rods. Seat pump. Long stroke. Hang well on. SDFD. Load well with 9 barrels – pumping good.

7/15/03 – Well pumping good. RDMO service rig.

It is believed the well is still not performing at a level it should.

8/7/03 – RU Maverick on casing. Dump 500 gallons 10% HCl down backside. Flush/overflush with 142 barrels treated water. Loaded with 70+ barrels. Let soak – 1.1 BPM vacuum. Pump remainder at 3 BPM and 650#. RD Maverick. Start pumping.