

# Renegade Oil & Gas Company

## Cox #1-8

NE SW SECTION 8, T5S, R62W

DRAGOON FIELD

ARAPAHOE COUNTY, COLORADO

### WORKOVER REPORT

10/6/10 – MIRU Toby's Oilfield Service Rig #1. Breakdown wellhead and remove plunger equipment. Wellhead cap and bowl were extremely tight. PU tag joint and tag 15' down. LD joint. Prep to pull tubing. SDFN.

10/7/10 – Tally 233 joints tubing out of hole. Replaced old tubing head with new Larkin head. TIH with RBP and 229 joints tubing. Set RBP at 7402'. Had trouble getting off RBP. Lay down 1 joint and RU JU head. Circulate significant mud from well until clean. Shut wellhead valve and pump into casing hole at 500 psi. SDFN.

10/8/10 – Pulled 8 stands. Spot sand with 15 barrels water. Remove JU head and TOH with tubing. TIH with packer and 92 joints. Set packer at 2967'. Test casing below packer – good. Hole hunted. Found lowest hole between 2645'-2677' and uppermost hole between 2419'-2451'. Circulated around packer in between. TOH with tubing and packer. SDFN.

10/11/10 – Top off casing with fluid. RU J-W Wireline Company. RIH and ran CCL-CBL from 3000' to surface. Confirmed stage tool at 1444'. Uphole cement from 1475' to 990'. Nothing on CCL to confirm holes. RD wireline. Remove tubing head. Pull on casing to remove surface slips. Ran 28 joints 1" tubing (700') down bradenhead. Had to work last 6 joints down with fluid. SDFN.

10/12/10 – RU Bison Oil Well Cementing. Mix and pump 180 sacks 50/50 poz with 3% calcium at 14.2 ppg down 1" tubing. Had cement returns to surface. Displace with ½ barrel water. Pull 1" tubing. Reland casing in surface slips. RU on casing. Mix and pump 650 sacks 50/50 poz with 3% calcium at 14.2 ppg. Hesitated 30 minutes twice after 32 barrels displacement. Total 38 barrels displaced. No substantial increase in pressure. SI well with 600 psi. RD cementers. SDFN.

10/14/10 – Release pressure. NU tubing head. TIH with bit and 66 joints to 2125' tag. RU JU head. RU swivel and drill down 7 joints. RD swivel and lay down additional singles. Drill down to joint 75 (2413'). Pressure test casing –good. Lay down joint 75 and swivel. SDFN.

10/15/10 – Continue drilling. Drilled down joint 76 and part of joint 77 when swivel broke. Had replacement swivel delivered but couldn't rig it up. Different fittings. SDFWE.

10/18/10 – Attempt to hook up swivel. Stiff arm not correct. Leaking hydraulic fluid. RD swivel. SDFN.

10/19/10 – RU repaired swivel and continue drilling. Drill down to 10' out of joint 84 (2692') when fell out. Had to stop and lay down more singles when drilling. Pressure tested casing and pumped into at ½ BPM. Circulate hole clean. SDFN.

10/20/10 – RD swivel and JU. TOH with tubing and bit. TIH with SN and 84 joints tubing. EOT at 2709'. NU JU head. RU Bison Oil Well Cementing. Mix and pump 50 sacks common cement at 13 ppg. Spot as a balanced plug on bottom. Displace with 6 ½ barrels. TOH with tubing. RU on casing. Load hole with 4 ½ barrels. Displace cement with 5 barrels to 1800 psi. Wait 20 minutes. Repressure to 1800 psi with ¼ barrel. Close valve. RD cementers. SDFN.

10/21/10 – NU wellhead. TIH with bit and tubing. Tag at 2213'. Drill down to 2419'. Lay down 7 singles. Ran stands. Drill to 2484'. Drilled 3 more joints pressure testing each. Casing not holding solid. SDFD.

10/22/10 – Continue drilling out to joint 84 – fell out. Ran joint 85. Pressure tests still not holding solid. Circulated hole clean. Ran additional 34 stands. RU swab and made 7 runs. Left FL at 3000'. SDFWE.

10/25/10 – RU swab. Pull 1 run with FL at 2500'. LD swab. Ran 12 stands. Bad winds. SDF wind.

10/27/10 – RU swab. Pull 1 run with FL at 2000'. Ran additional 24 joints. Circulate sand off RBP. TOH with 230 joints tubing. Reloaded hole. SDFN.

10/28/10 – RU J-W Wireline Company. RIH and run CBL from 3600' to surface. Found squeezed cement from 2755' to 2010' but not completely solid. Found some uphole cement from 710' to 175' but doesn't look great. RD wireline. TIH with retrieving head and 230 joints tubing. RU swab. IFL at surface. Swab to FFL at 5400'. SDFN.

10/29/10 – Continue swabbing. IFL at 4200'. FFL at 6400'. Lay down swab. Drop down and release RBP. TOH with tubing and RBP. TIH with bit and bulldog bailer. Bailed to bottom. TOH and dump bailer contents. SDFN.

11/1/10 – TIH with SN and tag with 25' in on joint 235 (7564'KB). Land well with 232 joints (7475'). RU swab. IFL at 5870'. Made 15 runs. FFL at 6000'. NU wellhead. Hooked up to flowline. SDFN.

11/2/10 – Check pressures. Swab. IFL at 4800'. FFL at 5900'. Very incomplete report. Install orbit. RDMO service rig.