

Renegade Oil & Gas Company

Miller #6-11

NE SW SECTION 6, T6S, R62W

COMANCHE CREEK FIELD

ELBERT COUNTY, COLORADO

WORKOVER REPORT

7/7/08 – MIRU Key Energy Services Rig # 76. Unhang well. Long stroke pump. No pump action. Unseat pump. TOH with rods and pump. SDFN.

7/8/08 – Load pump with diesel. Run new pump and rods. Seat and space pump. Long stroke with good pump action. Hang well on. Load well with hot oil truck – pump action not great. Stay rigged up overnight.

7/9/08 – Check well – pumping very little. Unhang and long stroke. Pressured to 300 psi – held 10 min. Bled back and repressured – ok. Hang back on 6 inches lower. Good pump action. RD and MO service rig.

7/16/08 - Well never pumped correctly since last pump change. MIRU Toby's Oilfield Service Rig # 1. Unhang rods and unseat pump. Start pulling rods. SDFN.

7/17/08 – Finish pulling rods and pump. Found mud in the pump. Nipple down wellhead. Release anchor. Tag PBTD with 14'. TOH with tubing – found mud on the outside of tubing and anchor. SDFN.

7/18/08 – TIH with retrievable bridge plug and tubing. Could not get past 52 joints in. TOH. TIH with SN and tubing. Left out mud anchor, tubing anchor and 1 joint. Land tubing. Nipple up wellhead. TIH with rods (no pump). RDMO service rig.

8/25/08 – MIRU Key Energy Services Rig # 60. TOH with rods. Nipple down wellhead. Tag bottom with 70'. Spotted in and rig up pump and tank. Rolled hole until mud thinned out. SDFN.

8/26/08 – TOH with tubing. Had mud from 82 joint down. PU retrievable bridge plug. TIH with 64 joints and stacked out. TOH. TIH with tubing open ended. SDFD.

8/27/08 – Dump sand and fluid down tubing for sand plug. Tubing sticky off bottom. Pull 39 stands. RU to roll hole. Tubing plugged off. Finish TOH. Sand plug 4 joints off bottom. TIH with tubing. Roll hole clean. SDFD.

8/28/08 – TOH with tubing. TIH with packer and tubing. Isolated hole to between 2573'-2604'. Below 2604' casing held 1000 psi. Pump into hole at 2 ½ BPM at no pressure. TOH. Dig up surface casing. SDFD.

8/29/08 – Nipple down surface head. Pull out of slips. Work casing. Calculated free pipe at 600'. Work casing all day. Torque pipe at times. End of day free pipe at approximately 3000'. SDFN.

9/2/08 – Work casing. Free pipe calculation increased to over 5600'. Torque casing. RU J-W Wireline Company. RIH with string shot and back pipe off at 3146'. Completely unscrew. Weighing 31k. Set back down. SDFN.

9/3/08 – TOH and lay down 4 ½" casing. Found old port collar at approximately 1420'. Found hole at 2590'. Total footage laid down – 3131.28'. Last 10 joints on bottom looked almost new. Changeover to pick up casing. SDFN.

9/4/08 – PU 4 ½" casing screw in tool and 90 joints of replacement casing. Ran port collar 3001' from surface. Screw casing back together. Torque casing. Land 4 ½" casing in surface head. Rig over to tubing. Work 37 stands tubing back in hole. SDFN.

9/5/08 – Work 60 stands total in hole. Role mud out of hole. TOH. PU port collar opening tool and TIH. Open port collar. RU Cementer's Well Service. Pump 500 sacks 14 ppg (yield 1.55 cft/sk) light cement. Full returns entire job. No cement to surface but indications it was very close. Close port collar. Roll tubing clean. TOH with tubing. SDFN.

9/8/08 – TIH with blade bit, SN and tubing. Tag hard with 98 joints (3050'ish). RU and try to circulate thru – no luck. RU tubing swivel. Swivel down 6 joints. Trip to bottom. Tag approximately 7400'. Install JU head. Prep to circulate. SDFN.

9/9/08 – Wash down 70'. Hit something hard and unable to go down. Tubing swivel messing up. Dropped SV and test tubing to 1500 psi – ok. Fish SV. TOH to check bit – slightly worn. Replace bit and TIH. Tag same hard spot. SDFN.

9/10/08 – WO power swivel. Swivel and clean sand to top of perms. Role hole clean. RD swivel. Pull 1 joint and RU swab. Swab FL down to 5400'. Last run swab hung up and parted sandline. SDFN.

9/11/08 – Pour new rope socket. TOH with 72 stands and found parted sandline. Pulled parted sandline out. Trip back in hole to 7520'. Continue swabbing down to 7000'. Fish SV. RD swab. Start TOH with tubing. SDFN.

9/12/08 – Finish TOH. TIH with bulldog bailer. Bail well to 7632'. TOH. Recovered sand and mud. TIH with SN and tubing. Land well with EOT @ 7620'. RU swab. FL @ 7300'. Milk well dry. SDFN.

9/15/08 – Made 3 swab runs. FL only 200' above SN. Didn't recover any fluid. Tag well up at 7614'. Tally tubing out of hole. TIH with 1 joint, packer and 241 joints. Attempt to set packer. Couldn't get packer set. SDFN.

9/16/08 – TOH with tubing and packer. Attempt to set packer on the way out without success. Packer looked ok at surface. Reran everything as before. Set several times TIH to confirm packer is ok. Set packer at 7523'. EOT at 7555'. RU Maverick Stimulation Company and acidize D Sand with 750 gallons 3% HCl and 10% Acetic with additives. Flush with 30 bbls clay treated water. RU swab. IFL @ 3000'. Falling away fast. Unset packer and TOH with tubing and packer. SDFN.

9/17/08 – ICP – 15#. TIH with production tubing. Tag @ 7613'. Swab – recovered dirty water. Set anchor and land tubing 36' off bottom. TIH with pump and rods. Seat pump and hang well on. SDFN.

9/18/08 – Rack up pump and tank. Replace stuffing box rubbers. Load well with hot oiler – good. RD and MO service rig.