

# Blue Chip Oil, Inc.

## Northstar 24-1 NE/4 Sec 24, T1S-R68W Adams County, Colorado

### Daily Report

4/9/01 MIRU S & S rig. Lowered tubing 100' and did not tag. RU H & S hydrotest truck and tested 20 stands. Hydraulics on the truck failed. Wait for 2 ½ hrs for another truck. Tested a total of 200 jts. SION H & S agreed to credit for lost rig time.

4/10/01 Finish hydrotesting tubing to 6000 psi. Found 13 bad joints. Install frac valve and RD S & S rig. RU ADI Wireline and ran GR-CCL from the Dakota to above the Codell and tie into open hole logs. PU Halliburton frac plug and start in hole. At 105', the plug hung up. Pulled 2000 # and plug came free. Appears that the 4 ½" 15.1# casing has a bad pin end on the second joint from surface. SION

4/16/01 MIRU S & S rig, PU 3 5/8" blade bit and tag at 105'. Rotated thru tight spot in 5 minutes. Worked bit thru spot at 105' for 15 minutes. POOH. PU 3 5/8" swedge and worked thru tight spot at 105' for ½ hour. Lay down tubing and swedge. RD S & S. SI well.

4/17/01 RU ADI Wireline and GIH with 3.625" gauge ring. Stopped at 552'. Tried 3.5" gauge ring and it stopped at 552'. RD ADI. Dumped 3060# of 20/40 sand to fill casing from 8781' (PBTD) to 8400'. Top J perf at 8552'. Ran 120 bbls of KCl water while dumping sand.

4/18/01 Lightning Wireline tagged sand at 8524'. Dumped additional 800# of sand in 60 bbls of water. SI for sand to settle.

4/19/01 Loaded hole with 50 bbls of KCl water and pressured up to 2500 psi. Held okay. RU ADI Wireline and tagged sand at 8456'. Perforated the Codell from 8112-13', 8116-23', and 8126-28' with 4 spf using a 2 1/8" expendible carrier gun. SI for frac.

4/20/01 MIRU Halliburton and frac the Codell down 4 ½" casing with 74,000 gal of Phoenix 22# x-link gel and 167,700# of 20/40 sand. AIP-3332 psi, AIR-14.2 BPM, Max IP-4781. Screened out Codell on 4# stage. Left 7200# of sand in the casing and put away 160,500# into the formation. RU flowback line and began flowing back frac fluid within 15 minutes on a 32/64" choke to clean up sand. Load-1838 BW.

4/21/01 Unloaded heavy sand for 2 hrs after starting flowback, then cleaned up to water. Changed choke from 32/64" to 18/64". This a.m., FCP-50 psi on an 18/64" choke, made 459 BW in 13 hrs. Load-1379 BW.

4/22/01 FCP-30 psi, made 135 BW in 24 hrs, trace of oil and light gas. Load-1244 BW.

4/23/01 FCP-30 psi, made 25 BW in 24 hrs, 5% oil and light gas. Load-1219 BW.

4/24/01 FCP-30 psi, made 39 BW in 24 hrs, 5% oil and light gas. Open choke to a 32/64". Load-1180 BW.

4/25/01 FCP-30 psi, made 35 BW in 24 hrs, 30% oil and light gas. Load-1145 BW.

4/26/01 FCP-30 psi, made 36 BW in 24 hrs, 30% oil and light gas. Load-1109 BW. S & S rig got stuck trying to rig up. Wait on winch truck one hour to pull out rig. Hauled two loads of road base. First load got stuck on location.

4/27/01 FCP-0 psi, made 74 BF in 24 hrs, estimate 50%+ oil cut. Sample bottle was 100% oil. MIRU S & S rig. Pump 2% KCl water into well. Install BOP's and ran 70 jts of 2 3/8" tubing. Left open to tank overnight.

4/28/01 TP-0, CP-flowing oil up backside. Killed well and ran tubing to 7412'. Did not tag sand. Circulated clean and landed seating nipple with 252 jts at 8052' KB. Codell perfs 8112-28'. MU wellhead and SI to build pressure.

4/29/01 TP-0, CP-0

4/30/01 TP-0, CP-0, broached tubing and RD S & S rig. RU Key swab rig. FL-surface, made 6 swab runs, made 28 BW. Well kicked off flowing and flowed 14 BW. Crew noticed that the master valve was leaking. Changed out master valve and Kurt Dodge SI well to build pressures.

5/1/01 TP-800, CP-40, pressure bled off in 15 minutes. Made 2 swab runs with FL-1200'. Tubing kicked off flowing. Flowed 51 bbls in 3 hrs with 30-40% oil. RD Key swab rig. CP built to 300 psi by 4 p.m.. New wellhead rubber started leaking. Hot oiler pumped 30 bbls down the casing. Replaced packing rubber in well head and left open to tank.

5/2/01 TP-strong blow on a 32/64" choke, CP-800 psi. Made 102 BF in 24 hrs. By afternoon, CP had increased to 1000 psi. Left open to tank on a 24/64" choke.

12/13/01 MIRU S& S rig. Set pump and tank. Kill Codell with KCl water. Fished plunger and bumper spring with sandline. Dropped standing valve and pressured up to 700 psi. Would not hold. RU and pull tubing. Found FL at 3000'. Pressured tubing remaining in the hole to 500. Held okay. Finish pulling with 252 jts of 2 3/8" tubing. Hydrotester got delayed. Ran 3" magnet on sandline. Did not recover any metal. SI overnight.

12/14/01 Hydrotest tubing into hole and found 1 jt with a hole. PU 15 additional jts and tag sand at 8493'. Circ sand to 8510'. J perms 8552-58'. Hit hard spot at 8520' and started losing fluid. Rotated and jarred on hard sand. Did not make any hole. Pull 5 stands and SI overnight.

12/15/01 Jarred and rotated on hard spot. Made 1'. RU power swivel and drilled thru hard spot. Circulated sand down to 8556'. Lost circulation. Landed 267 jts with seating nipple at 8525'. MU wellhead and broached tubing and SI to build pressure.