

OC FIELD REPRESENTATIVE II/STAFF MANAGER
TITLE _____ DATE _____
2A Antelope Ridge Atoka

- 8/30/03 SITP 70 psi. Made 1 run - 300' fluid (approx. 70% oil). Waited 2 hours. Made 2nd run, recover little fluid. Waited 2 more hours. Made 3rd run, recovered little fluid.
- 9/2/03 SITP 200 psi. Made 1 swab run - 70% oil, 1300' fluid in hole. RU BU. Backside full. Pressure to 1500 psi, slow bleed off (1000 psi in 3 mins.) Acidize well with 5000 gals 15% HCl-NE-FE with 70 balls. Treat @ 4000 psi, 6 BPM. Minimal ball action. ISIP 2200 psi, 15 mins 1945 psi. Leave shut in 1 hr. Bled down. Swab 7 hrs, recover 59 bbls water. Swabbed dry.
- 9/3/03 SITP 150 psi. IFL 5000' from surface. Fluid scattered. 1st run 10% oil. Swabbed 4 hrs, recovered 12 bbls. Well dry. Made 1 swab run/hour for 5 hrs. Recovered 6 more bbls, 10-15% oil. (102 bbls load still to recover).
- 9/4/03 SITP 150 psi. IFL @ 8100'. 1st run 10-15% oil. Swabbed dry in 2 runs. Made 1 swab run/hour for 5 hrs. 400' influx/hour except last hour dry. Recovered 5 bbls for day 10-15% oil. Shut well in. RDMOL. Evaluating well for fracture treatment.
- 9/11/03 250 psig, FL @ 8200'. Swab 2 bbls 3-5% oil.
- 9/18/03 RU WH saver and BJ. Load backside. Frac well down tubing. Sanded out with 8500# of 20/40 econoprop in well and approx. 5000# prop in tubing. In process of bringing down rate and shutting down, tbq/csg communicated at \pm 7500 psi at full shut down, 1800 psi on tubing and casing, 15 mins 1500 psi. RD BJ and wellhead saver. Leave well SI for 2 hrs. Start flow back with 900 psi on tubing and 1300 on casing. In 1 hour flowing at 100 psi and casing slight vac. Flow back 296 bbls fluid in 5 hrs. Sand at first then just broke gel. Well nearly died. MIRU pulling unit late in day. Leave well open to tank overnight. Approx. 151 bbls load to recover. Note: During frac job held 1000-1500 psi on casing, taking only slight fluid.
- 9/19/03 Well dead. Flow 3 bbls overnight. RU sinker bars. Tubing clear through packer. ND tree, NU BOP. Attempt to release on/off tool. Unable to release tubing stuck. RU Wireline, found tubing 100% stuck @ \pm 9500'. POH, PU chemical cutter. RIH cut tubing @ 9470'. RD WL. POH with tbq, clean cut. No hole in tbq above cut. Left 2-1/2 jts in hole. Top of cut tbq strap 9503'.
- 9/20/03 PU 6 jts of 5-1/2" wash pipe. TIH, tag sand @ 9567' circulate out. Tag hard @ 9572' (top of packer should be 9582'). Circulate hole again. Apparently packer moved uphole during screen out. Tally out of hole, showed no change.
- 9/22/03 PU 5-1/2" OS and grapple for 2-7/8" tbq. TIH, tag fish @ 9503'. Latched solid, worked to release packer, came loose with 40,000# over pull. Went down 20' below original location pushing with approx. 15,000#. POH, recovered tbq, on/off tool and packer (did not recover 2' tubing), tubing was bent and "pushed shut", 4.75" OD on bottom.
- 9/23/03 PU 5-1/2" cutrite shoe and 6 each 3-1/2" DCs. TIH tag fish. Mill 2', fish started going downhole. Move fish easily to 9735'. Circ hole clean. POH.
- 9/24/03 PU 5-1/2" packer. TIH with 302 jts, set packer @ 9590'. ND BOP, NU tree. RUTS. Swab well down to 4800'. Swab line parted, left 500' line in well. NU BOP, POH. LD fish.
- 9/25/03 PU 5-1/2" packer, TIH set @ 9590'. ND BOP, NU tree. Change out swab line. Swab 4-1/2 hrs, FL stable @ 4000'. Last run 90% oil, steady gas blow.
- 9/28/03 SITP 600 psi. Bled down, RIH with swab. IFL 4000'. 1st run 90% oil. Swab to seating nipple in 4 hrs. Fluid scattered. Recovered 21 bbls approx. 50% oil, wait 1 hour. RIH, 300' fluid in hole. Recovered little fluid. Shut in. RDMOL.