

Marathon Oil Company  
Bertha Barber Well No. 18Y  
API No. 30-025-34327  
C-103 Attachment  
April 23, 1998

- 3/12/98 MIRU pulling unit. ND wellhead. NU BOPE. RIH w/DC's & bit. Drill out cmt to DV tool at 5125'. Drill cmt to 7750'. Pickle tbg w/750 gals 15% acid. Spot 100 gals 15% acid across 7144-7204'. POOH w/DC's.
- 3/14/98 Perf 7144-7204' w/2 SPF, 120 deg phasing. RIH w/pkr, set at 7092'.
- 3/15/98 Acidize w/2000 gals 15% acid w/120 BS, followed by 8200 gals Ferchek. Open well, flowed to test tank. Died, swab well.
- 3/18/98 Rel pkr at 7092'. Perf 7231-39', 7256-74', 7332-38', 7437-42', 7505-10', 7527-36', 7551-7565', 7672-94' w/2 SPF, 120 phasing.
- 3/19/98 RIH w/RBP & pkr, set RBP at 7705', pkr at 7614'. Total acidize 7231-7694' w/7500 gals 15% acid.
- 3/20/98 Rel RBP & pkr, POOH. RIH w/new RBP & pkr. Set RBP at 7630', pkr at 7399'. Acidize 7437-42' and 7505-65' w/2000 gals 15% acid. Move RBP to 7400', pkr to 7120'. Acidize 7144-52', 7231-74', 7332-38' w/1850 gals 15% acid. Move to RBP 7710', pkr still at 7120'. Swab well.
- 3/24/98 Rel pkr at 7120, ret RBP at 7710'. POOH. Perf 6874-80', 6916-23', 7061-65', 7104-17', 7128-38', 7697-7717', 106 holes, 2 SPF, 120 deg phasing. RIH set RBP at 7730', pkr at 7620'.
- 3/25/98 Acidize 7672-7717' w/3000 gals 15% acid w/150 BS. Move RBP to 7140', pkr to 6980'. Acidize 7061-7131' w/2500 gals 15% acid w/60 BS. Move RBP to 7020', pkr to 6800'. Acidize 6874-8923' w/1500 gals 15% acid w/25 BS. Swab well. Move RBP to 7730', pkr to 7620'. Swab test.
- 3/27/98 Rel pkr at 7620' & move to 6800'. Swab test.
- 3/31/98 Rel pkr, ret RBP, POOH w/both. RIH & set CIBP at 6825'. Test CIBP, OK. Perf Tubb 6414-37', 6444-57', 2 JSPF, 120 deg phasing, 72 holes.
- 4/1/98 RIH w/pkr, set at 6376'. Acidize Tubb perfs 6414-57' w/2700 gals acid & 110 BS. Swab well.
- 4/4/98 Rel pkr at 6376' & POOH. RIH w/pkr, set at 6337'.
- 4/7/98 Frac Tubb 6414-6457' w/928 bbls 2% gelled KCLW w/55,100# of sand. Clean out sand to 6800'. Rel pkr at 6337', POOH. RIH w/pkr, set at 6350'. Swab well.
- 4/11/98 RIH w/2 7/8" prod tbg. ND BOP. NU wellhead. RD pulling unit.