

Attachment
Marathon Oil Company
McDonald St. A/C 1 Well #38

- 9/18/91 - RIH w/5 1/2" Halliburton RBP & RTTS pkr on 2 7/8" J-55 tbg. Hydrotested tbg to 6000 psig below slips. Set RBP @ 3837'. Test to 2000 psig. Pull up & reset pkr @ 3615'. Load & pressure backside to 800 psig. Dumped 2 sx sand on RBP. SDFN.
- 9/19/91 - RU Western Co. Tested lines to 6000 psig. Pressured backside to 800 psig. Sand frac'd perfs 3702-3807' w/57,000# 20/40 Brady Sand & cross-linked gel. Pumped as follows:
10,000 gals crosslinked gel pad
1,000 gals crosslinked gel pad w/3 ppg 20/40 Brady sand
1,000 gals crosslinked gel pad w/4 ppg 20/40 Brady sand
4,000 gals crosslinked gel pad w/6 ppg 20/40 Brady sand
5,000 gals crosslinked gel pad w/7 ppg 20/40 Brady sand
Tagged frac. Formation started screening out w/7# on formation. Cut tag & went to flush. Flushed to top perf. Max - 3900 psig. Avg - 2850 psig @ 19.5 bpm. ISIP - 1000 psig. P5 - 920 psig. P10 - 870 psig. P15 - 800 psig. SWI. RD Western.
- 9/20/91 - SITP - 0 psi. RIH w/swab. FL - 1200'. Made 14 swab runs & recov'd 65 BW. EFL - 1700'. Recov'd small amount of sand. Released pkr & POOH. RIH w/retrieving tool for RBP on 2-7/8" J-55 tbg. Tag @ 3814'. (RBP @ 3827') Pull overshot above perfs. SDFN.
- 9/21/91 - Reverse circulated sand off RBP. Latched onto & released RBP. Well went on strong vac. Lost all sand out of tbg. POOH w/tbg & RBP. Test lubricator to 1000 psig. RU Halliburton Logging Ser. Ran Tracerscan from 3498'-3866'. Tagged @ 3866'. Suspect sand bridge. POOH & RD HLS. RIH w/50 jts 2 7/8" killstring. SDFN.
- 9/22/91 - SDFWE.
- 9/23/91 - SDFWE.
- 9/24/91 - POOH w/killstring. Test full lubricator on ground to 1000 psig. RU Wedge. RIH w/4" perf gun. Perforate Lower Seven Rivers @ 3622-24', 34-38', 63-73' w/4 JSPF (67 holes). RD Wedge. RIH w/5 1/2" Halliburton RBP w/ball catcher & RTTS pkr on 2 7/8" J-55 tbg. Set RBP @ 3691'. Test to 1000 psig. Pull up and reset pkr @ 3521'. Loaded backside - 500 psig. Drop SV & test tbg to 4000 psig. Fished SV. Test lines to 4000 psig. Acidized perfs 3622-73' w/2500 gals 15% NEFE HCl. Used 130-7/8" RCN balls for divert. Saw good ball action. Max - 1700 psig. Avg - 1000 psig @ 5.3 bpm. ISIP - Vac. Released pkr & RBP & POOH. RIH w/notched collar on 2 7/8" tbg. Tagged @ 3880' (btm perf 3894', PBD 3940'). SOH w/tbg. SDFN.
- 9/25/91 - POOH w/2 7/8", 6.5#/ft, J-55 tbg and notched collar. RIH w/notched collar and 3-3/4 bulldog bailer on 2-7/8", 6.5#/ft, J-55 tbg. Tag at 3,880'. (Con't).

(Continued)