

RECEIVED
BASS FEDERAL #1 MAY 2 11 14 AM '96

The Bass #2 Lower Delaware acid job went as follows:

Treated down 2 7/8" tubing x packer with 3500 gallons 7 1/2% HCl (Western Co.) on 8/12/93 and staged 300 ball sealers. Formation broke at 2900 psi. Treated at 2100 psi at 4.5 BPM, increased rate to 6 BPM at 2700 psi, slight ball action, flush with 158 bbls of 2% KCl water. Ave rate = 4.5 BPM, avg press = 2300 psig, max press = 2900 psi, ISDP = 1450 psi, 5, 10 & 15 min = 1400 psi.

10. Swab back for 4-8 hours and release packer, run down past perms to knock off any ball sealers and TOH.
11. Lay down packer and TIH with SN and tubing to 7750' (+/-) for "dead string" frac.
12. Frac well per forthcoming procedure but below is a summary of the Bass #2 Lower Delaware frac:

1st	12,000 gal pad @ 13 BPM @ 2900 psi
2nd	4,000 gal gel w/2 ppg @ 13 BPM @ 2700 psi
3rd	4,000 gal gel w/4 ppg @ 13 BPM @ 2520 psi
4th	4,000 gal gel w/6 ppg @ 13 BPM @ 2400 psi
5th	5,000 gal gel w/8 ppg @ 13 BPM @ 2750 psi
6th	2,500 gal gel w/8 ppg @ 13 BPM @ 3650 psi

Flush w/48 bbls gel, ISDP 1500 psi,
5 min 930 (tbgs) & 1460 (ann),
10 min 910 (tbgs) & 1450 (ann),
15 min 900 (tbgs) & 1440 (ann),
Total sand pumped was 108,000# (88,000# 16/30 white sand & 20,000# 16/30 resin coated).

13. Swab/flow well for 1-3 days and prep to proceed with Upper Delaware test.

PROCEDURE (PART 2) - UPPER DELAWARE TEST:

1. TOH with tubing.
2. RU Wireline and perforate the following Upper Delaware Zones at 4 spf, 180° or 90° phasing with casing guns:

6790 - 6810'	(20')
6875 - 6900'	(25')
Total	45'