BASS FEDERAL #1

- HAY 2 11 Run a Wireline set/tbg retrievable RBP and set at J200 -3. 7500'.
- TIH with packer x tubing to 6700'. 4.
- RU treating company and acidize with 3500 gallons of 7 1/2% 5. HCl acid per forthcoming procedure:

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

Treated down 2 7/8 tubing x packer with 3500 gallons of 7 1/2% HCl (Western Co.) on 5/5/94. Treated at 5.5 BPM @ 1800 psi, ISDP = 1100 psi, 5, 10 & 15 min = 1100 psi.

AT EVED

- Swab/flow back for 4-8 hours and TOH. 6.
- TOH, lay down packer x TIH for "dead string" frac, consider 7. running retrieving head on tubing if it can be frac'd through to save a trip.
- Frac Upper Delaware per forthcoming procedure that will be 8. similar to the Bass #2 frac, summarized below:

5/7/94 RU Western Co. and pumped Viking 1-35 gel frac:

6000 gal pad @ 20 BPM, 3300# tbg/1150# SICP

4000 gal gel w/2 ppg @ 20 BPM, 3500# tbg/1180# 2nd SICP

5500 gal gel w/4 ppg @ 20 BPM, 3500# tbg/1200# 3rd SICP

6500 gal gel w/6 ppg @ 20 BPM, 4300# tbg/1200# 4th SICP

5000 gal gel w/8 ppg @ 20 BPM, 4400# tbg/1220# 5th SICP

3000 gal gel w/10 ppg @ 20 BPM, 4500# tbg/1230 6th SICP

Flush with 42 bbls gel, ISDP 1150# tbg/1070# csg,

5 min: 1150# tbg/1070# csg,

10 min: 1110# tbg/1020# csg, 15 min: 1100# tbg/1000# csg,

leave shut in overnight, pumped 139,000# of 16/30 Ottawa sand.

- Swab/flow for 1-3 days, wash down to RBP and retrieve it. 9.
- 10. Set up well for pumping and report production daily for 2-3