

**Diamondtail 34 Federal No. 3  
Trieste Draw (Delaware) Field  
Lea County, New Mexico**

Project Engineer: **Jack R. Gevecker**

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**Recommended Procedure**

**Note: H2S may be present**

1. Hot water well 3 days prior to workover.
2. MIRU pulling unit. Install and test BOP. POOH w/ 1" and 7/8" rods. Unseat TAC and POOH w/ 314 jts 2-7/8" tubing
3. RU wireline company and packoff. GIH w/ 5-1/2" Baker CIBP and set @ 9850'. Cap w/ 30' cement using a dump bailer.
4. ND BOP. NU frac valve. Pressure test casing to 4000 psi. ND frac valve. NU BOP.
5. GIH w/ 4" gun loaded 1 shot/ft and perforate at the following intervals: 8370', 8372', 8374', 8376', 8378', 8380', 8382', 8384', 8386', 8388', 8390', 8459', 8464', 8466', 8468', 8496', 8501', 8515', 8517', 8524', 8526', 8528' (22 holes, I, K, and K2 sands).
6. GIH w/ compression packer and SN on 2-7/8" tubing setting packer @ +/- 8270'. Swab down fluid level noting entry rate and oil cut.
7. RU treating company. Pressure backside to 500 psi. Acidize down 2-7/8" tubing w/ 2000 gals 15% HCL acid as follows:
  - A. Pump 500 gals acid
  - B. Pump 1500 gals acid dropping 50 ball sealers (1.1 Sp. Gr.) spaced approximately 1 ball/bbl acid.
  - C. Flush w/ 50 bbls 2% KCL water.

Anticipated rate is 4-6 BPM. Maximum treating pressure is 3000 psi. Should ballout occur, surge balls off and complete job.

8. Swab back acid load. Note fluid level, fluid entry rate, and oil cut. Report results to Midland office.