

**Darius ADS Federal No. 1
South Sand Dunes (Bone Spring) Field
Lea County, New Mexico**

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Recommended Procedure

Note: H2S may be present

Perform job safety analysis prior to starting work

1. Run paraffin knife and/or paraffin chemical 2 days prior to start of workover.
2. MIRU pulling unit. Kill well w/ 50 bbls 2% KCL water. Install and test BOP. Unseat Schlumberger SST packer @ 8545' and POOH w/ 2-7/8" tubing and packer.
3. RU wireline company and packoff. Run 5-1/2" CIBP and set @ +/- 8500'.
4. Pressure test casing and CIBP to 3000 psi.
5. GIH w/ 4" gun loaded 2 shots/ft and perforate at the following intervals: 7284', 7286', 7290', 7325', 7327', 7329', 7331', 7333', 7335' (18 holes, LR sand).
6. GIH w/ compression packer on 2-7/8" tubing to +/- 7330'. Spot 150 gals 15% NEFE acid across perms. Pick up to +/- 7175' and reverse excess acid into tubing. Set packer @ +/- 7175'.
7. RU treating company. Pressure backside to 500 psi. Acidize down 2-7/8" tubing w/ 1500 gals 15% NEFE acid as follows:
 - A. Pump 500 gals acid
 - B. Pump 1000 gals acid dropping 25 ball sealers (1.3 Sp. Gr.) spaced approximately 1 ball/bbl acid.
 - C. Flush w/ 44 bbls 2% KCL water.

Anticipated rate is 4-6 BPM. Maximum treating pressure is 2500 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.

