

Darius ADS Federal No. 1 procedure cont'd:

9. If frac is warranted, release packer, lower across perms, and POOH w/ tubing and packer.
10. RU treating company. Frac down 5-1/2" casing w/ 11,000 gals Delta Frac 25 and 34,000 lbs 20/40 Ottawa sand as follows:
 - A. Pump 4,000 pad ramping rate from 5 to 10 BPM
 - B. Pump 4,000 gals ramping 2-6 ppg sand (16,000 lbs)
 - C. Pump 3,000 gals 6 ppg sand (18,000 lbs)
 - D. Flush w/ 7460 gals (169 bbls) slick water

Anticipated rate is 12 BPM after the pad @ 1200 psi treating pressure. Maximum treating pressure is 4000 psi.

11. Shut-in well overnight.
12. Bleed off any pressure. GIH w/ notched collar and SN on 2-7/8" tubing. Circulate out all sand fill to CIBP. POOH w/ tubing and notched collar.
13. GIH w/ compression packer and SN on 2-7/8" tubing to +/-7175'. Set packer, ND BOP, and NU wellhead. Swab well to clean up. Report fluid entry rates, fluid levels, and oil cut to Midland office.
14. If well does not flow, unseat packer and POOH w/ tubing and packer. GIH w/ 1 jt open ended mud anchor, 4' perf sub, SN, 10 jts 2-7/8" tubing, TAC, and finish out w/ 2-7/8" tubing landing tubing @ +/- 7300'. RIH w/ pump and rods.
15. Start producing well and report tests.
16. After LR zone has been tested and commingling permit approved, GIH w/ 4-3/4" bit and six 3-1/2" drill collars on 2-7/8" tubing. Drill out CIBP at 8500'. Circulate hole clean. POOH w/ tubing, drill collars, and bit.
17. Produce Bone Spring and Delaware zones together by downhole commingling.

Approved: _____
Hal A. Lee

Date: _____

