

13. Flow back immediately to recover load. Swab if necessary. Evaluate gas rate. Report to Midland office.
14. POH w/ RBP, Baker RDG pkr. and 2-7/8" WS.
15. If instructed by Midland Office, proceed to Step 16 w/ frac treatment
If not necessary to frac, prepare well for production as follows:
 - A. GIH w/ Otis Perma Lach pkr. (NP) and OSTSD (I.D. -1.79") w/type "N" landing nipple on 2-3/8" tbg. Set pkr. at 3125'.
 - B. Swab well to production.
16. GIH w/ Otis Perma Lach pkr (NP) and OSTSD (O.D. -5.5" I.D.-1.791") w/ Type "N" landing nipple on 2-7/8" WS. Set pkr. at 3125'.
17. Halliburton frac well w/ 44,000 gals 70 quality foam plus 48,000# 20/40 sand in 2 equal stages using graded rock salt to block. The total pump rate should be 20 BPM w/an estimated maximum surface treating pressure of 3600 psi. Use foam generating unit. Frac as follows:
 - A. Trap 1000 psi on annulus
 - B. Pmp 5000 gals 70 quality pad
 - C. Pmp 2000 gals 70 quality foam w/ 1/2 ppg 20/40sd.
 - D. Pmp 4000 gals 70 quality foam w/ 1 ppg 20/40 sd.
 - E. Pmp 6000 gals 70 quality foam w/ 1 1/2 ppg 20/40 sd.
 - F. Pmp 5000 gals 70 quality foam w/ 2 ppg 20/40 sd.
 - G. Pmp 500 gals 70 quality foamed saturated brine w/ 500# TBA-110
 - H. Repeat steps B thru F.
 - I. Flush w/ 833 gals foamed 2% KCL wtr. Shut in well for 45 mins following frac job. Flow back well thru adjustable choke and monitor return for sand. If sand is found, shut in well 15 mins before returning to flow.Note: Use Halliburton foam generator.
18. Swab if well will not flow natural.
19. Run sinker bar and check for fill (PBTD-3646'). Clean out if necessary.
20. Otis set plug in "N" profile. Unlatch from seal assembly and POH w/ OS and 2-7/8" WS.
21. GIH w/ OS on 2-3/8" tbg. Circulate and load annulus w/ pkr fluid. (10 gal/100 BW Tretolite KW-79).
22. Latch onto seal assembly w/OS. NU wellhead (1 and w/3-4 pts compression) and retrieve plug on wireline.
23. Turn well to production and test.

FLUID SPECIFICATIONS:

Pad

10,000 gals 70 quality foam consisting of:
3,000 gals 2% KCL wtr.
97,143 SCF N2.

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