

Con't B Lee State #5

(A) Pump 2500 gals frac fluid pad, (B) Pump 1000 gals frac fluid w/1 PPG 20/40 sd (C) Pump 1500 gals frac fluid w/1.5 PPG 20/40 sd (D) Pump 2000 gals frac fluid w/ 2.0 PPG 20/40 sd (E) Pump 3000 gals frac fluid w/2.5 PPG 20/40 sd (F) Drop a block of 900# GRS in saturated gelled brine (G) Repeat steps A-E. Shut in overnight. Flow back and swab load water and evaluate F.E. Release pkr GIH and retrieve RBP at 4920+, POH w/2-7/8" WS, RDG, & pkr and RBP. GIH w/2-7/8" tbg, TAC-4215, tbg 4400, SN 4402, PN 4405, MA 4436. RIH w/76 rod taper w/59 - 7/8" rods, 116-3/4" rods w/1-1/2 rod pump. Test.

*15% J-acid is a non emulsifying HCL (NEHCL) and is to contain the following:

- 1 gpt C-15: Organic inhibitor
- 2 gpt J-4A: Cationic surfactant used as a demulsifier
- 3 gpt G-10: Friction reducer, and is used to hold fines in suspension

**Terra Frac T fracturing fluid is a crosslinked water based fluid prepared from modified guar gum, and is to contain the following:

- 2 gpt J-4A: Cationic surfactant used as a demulsifier
- 40 ppt G-32: Hydroxypropyl guar used as a gelling agent
- 2 ppt F-5: Ammonium persulfonate used as a gell breaker