

Biddle A #2 Frac Job

11-11-13 Great Plains Fluid Svc set 17 500 bbl frac tanks then filled them w/ well from Gregg Ranch. RU Basic Energy Svc frac equipment, frac well as follows: SICP – 200#, Stage #1; 65,000 gal pad, 2176# @ 94.8 bpm

(increased pad rate slowly). Stage #2; 25,000 gal w/ .1# of 30/50 sand(2500#), 2140# @ 95 bpm. Stage #3; 5,000 gal w/ 2.5# of 16/30 sand(12500#), 2012# @ 94.8 bpm. Stage #4; 25,000 gal w/ .2# of 30/50 sand(5000#), hit pressure backed off rate, 2662# @ 76.9 bpm. Stage #5;

40,000 gal w/ .4# of 30/50 sand(16000#), 2246# @ 76.5 bpm. Stage #6; 40,000 gal w/ .8# of 30/50 sand(32000#), 1952# @ 76.2 bpm. Stage #7; 41,000 gal w/ 1# of 30/50 sand(41000#), 1804# @ 75.4 bpm. Stage #8; 12,000 gal w/ 1# of 16/30 sand(12000#), 1720# @ 75.4 bpm. Stage #9; 10,000 gal w/ 1.25# of 16/30 sand(12500#), 1649# @ 75.3 bpm. Stage #10; 37,000 gal w/ 1.5# of 16/30 sand(555000#), 1471# @ 75.3 bpm. Stage #11; 5312 gal w/ 2# of 16/30 resin coated sand(10624#), 1522# @ 75.6 bpm. Stage #12; 7014 gal flush, 1688# @ 75.6 bpm. ISIP – 273#, 5 min – 118#, 10 min – 88# & 15 min – 59#. Total load – 7653 bbl. RDMO Basic Energy Svc. SDFN