

ATTACHMENT 1

Item 13 (continued)
Lea Unit No. 4

3. RU kill truck. Pumped 110 bbls wtr. Attempt to pressure up on CIBP @ 10,300'. Pressure bled from 1000 psig to 500 psig in 5 min. RIH w/RBP & pkr. Isolated old squeeze perfs 9500-9522' w/plug & pkr. Attempt to pressure test old perfs, perfs would not test. Csg would test above & below old perfs 9500-9522'. Released pkr & RBP. Pulled pkr & RBP to 9300'. Secured well. SDFN.
4. POOH w/7" RBP, RTTS pkr, SN & 2 7/8" tbg. Installed 7" 5000# valve. TIH w/7" RBP to 200' & set plug. Closed blind rams. Tested to 4000 psig. Opened blind rams & closed 7" valve. Attempted to test valve to 4000 psig. Lost 3000# in 30 sec. WIH w/7" R-4 Halliburton tension pkr. Set pkr @ 169' Pressure up on plug. Pumped by plug or hole in csg @ 1 BPM @ 500 psig. Attempt to pressure up backside. Could not pressure up. POOH w/pkr. Closed blind rams & pressure up on plug to 4000 psig. Bled to 1000 psig in 1 min. No blow on bradenhead. TIH & reset RBP @ 320'. Set pkr @ 290'. Psi on tbg. Tbg went on vac. POOH w/pkr & plug. RIH w/new 7" RBP. Set plug @ 320'. Set pkr @ 290'. Psi on tbg to 2000#. Held OK. Psi on backside. Tbg & csg communicated. POOH w/pkr. Closed 7" valve. Tested valve to 2500 psig. Held OK. RIH w/pkr & set @ 200'. Tested pipe rams to 2500 psig. POOH w/pkr. Closed blind rams. SI & SDFN.
5. TIH & latched onto RBP @ 320'. RU Computalog. Tested lubricator to 3000 psig. WIH w/4" csg gun & perf @ 10,168-10,178' w/4 SPF. RD Computalog. RD 7" frac valve. WIH w/7" RBP, RTTS pkr, 2 3/8" SN & 2 7/8" N-80 tbg. Set plug @ 9445'. Pulled 1 jt 2 7/8" tbg. RU Smith Energy. Est circ after pumping 26 bbls. Tested plug @ 1000#. Pumped 500 gals 15% HCl. RD. TIH & latched onto plug @ 9445'. Reset @ 10,228'. Set pkr @ 10,069'. Spot acid to pkr. Form broke @ 4600 psig. Acidized from 10,168-10,178' w/2400 gals 15% NEFE & flushed w/54 bbls 2% KCl wtr. Annulus communicated during job. Max TP 4900 psig. AIR 2.6 BPM @ 2500 psig. ISIP - 500 psig. 1 min SIP 0 psig. POOH w/1 jt tbg. RO w/68 bbls 2% KCl wtr. Set pkr @ 10,039'. RU swab. Swab 2 hrs. Recov'd 13 BW 1 FL @ 7300'. FFL @ 7600'. SI & SDFN.
6. SDFS.
7. SITP - 0 psig. SICP - 0 psig. RU swab. Started swabbing w/FL 5800' FS. Made 16 runs in 8 hrs. Recov'd 39 BW. Final FL 7800' FS. Slight show of gas. No oil. SDFN. DC \$3,475 CC \$37,860
8. SITP - 0 psig. SICP - 0 psig. Started swabbing w/SFL @ 6000' FS. Made 22 runs in 11 hrs. Recov'd 54 BW. Final FL 7800' FS. Sample on last run indicated 100% wtr w/iron sulfide. SWI. SDFN.