

ATTACHMENT 1

Item No. 12

Proposed or Completed Operations

3.6 BPM @ 2100 psig. Max press = 2690 psig. Had 800 psig increase after each stage of salt. ISIP = 1230 psig. 5 min SI = 290 psig. 10 min SI = 90 psig. 13 min SI = Vacuum. RD DS. RU swab. Made 26 runs in 8 hrs & rec'd 0 BO & 109 BW. Initial FL = 1000' FS & final FL = 6200' FS. Secured well & SDFN.

- 3) SITP = 0 psig. Made 6 swab runs in 2 hrs & rec'd 22 BW. Initial & final FL 4500' FS. RD swab. Opened bypass on pkr. Released pkr & POOH. RU Apollo. Perf'd Devonian formation from 11,826'-11,848', 11,856'-11,910', 11,926'-11,944', 11,950'-11,958', & 11,970'-12,000' w/2 SPF (269 holes). RD Apollo. RIH w/10 stds 2 3/8" tbg. SWI. SDFN.
- 4) POOH w/kill string. RIH w/5 1/4" RBP, ball catcher, RTTS pkr, & SN on 2 3/8" tbg. Set RBP @ 12,018' & pkr @ 12,002'. RU Dowell Schlumberger. Attempted to test RBP - unsuccessful. Reset & set RBP & pkr 7 times, but would not test. POOH. Secured well. SDFN.
- 5) RU Wedge Wireline. RIH w/Baker 5 1/2" RBP & GR-CCl on electric line to 12,008'. Charge would not fire to set RBP. POOH. RIH & set RBP @ 12,008' (top). RD Wedge. RIH w/retrieving head, 5 1/2" Baker retrievematic pkr, & SN on 2 3/8" tbg to 11,764' KB. Set pkr. RU DS. Load backside & test to 500 psig. Acidized w/7000 gals 15% NEFE dropping 400 ball sealers for divert. Had slight ball action. Avg inj rate = 4.9 BPM @ 2,065 psig. ISIP = Vac. RD DS. RU swab. Made 16 runs in 3 hrs & rec'd 0 BO & 36 BW. Initial FL = 4000' FS. Final FL ranging from 4000'-6000' FS. Secured well. SDFN. Place well on variable speed drive test sub pumping to battery.