Well Information:

Well: Pankey 41-7
API: 05-081-07108
County, State: Moffat, CO
KB: 7205
GL: 7187
TD:
PBTD:
Lat/Long:
Surface Location:
NENE S7-T9N-R92W

Perforations:
Lewis – 6872'-6878' / 6884'-6891'

Casing:
Surface: 8 5/8", 24#, J55, STC, 710 sxs to surf, set at 1236''
Production: 5.5" 17#, N80, LTC, set @ 8690', 792 sxs cmt to 3575'

Casing Specs:

- **Surface:**
  o Burst: 2,950 PSI
  o ID: 8.097"
  o Drift: 7.972"
  o Capacity: 0.0637 bbl/ft
- **Production:**
  o Burst: 7,740 PSI
  o ID: 4.892"
  o Drift: 4.767"
  o Capacity: 0.0232 bbl/ft

Tubing:

- Current: 2 3/8", 4.7#, N-80 set at 6820'

Tubing Specs:

- ID: 1.995"
- Drift: 1.901"
- Collapse Res: 11,780 PSI
- Internal Yield Pressure: 11,200 PS

- Joint Yield Strength: 104,340#
- Capacity: 0.0039

Objective:

POOH with packer and tubing, TA wellbore and MIT. Squeeze casing leak if necessary.

Procedure:

1) Prior to arriving on location, check well for pressure. Test anchors.
2) MIRU, ND WH and NU BOPs
3) Load hole to kill well if necessary
4) TOH stand back with 2 3/8" tubing.
5) ~~Pressure test casing – call out for MIT if pressure test is good.~~
6) PU and RIH w/ bit/scraper, TIH (Hydro test in)
7) TOH L/D bit scraper, TIH CICR set @ 6822'
8) Sting out of CICR & circulate well bore clean. Close pipe rams and pressure test casing to 500 psi. With good test proceed as follows:
9) Sting in to CICR and establish injection rate. Pump 25 sx cement below, sting out spot 15 sx cement on top. POOC pump approximately 58 bbls 9 ppg mud.
10) Pull tubing to 4200' & pump 15 sx balanced cement stabilizer plug. POOC pump approximately 62 bbls 9 ppg mud. TOOH.
11) Shoot 4 squeeze holes @ 1286' R/D wireline.
12) Set CICR @ 1236'. Open surface annulus and attempt circulation up same.
13) Pump 50 sx cement below CICR, sting out, spot 15 sx cement on top. L/D tubing, RDSU.
14) Dig out & cut wellhead 4'bgl. Top off annulus and production casing from 100' to surface with 1" poly pipe. Weld on regulation dry hole plate w/legal ID.