



Shelton 31-2

P&A Procedure

Engineer: AJ Paine (O: 720-587-2374; C: 406-671-4612)

3/21/2017

LOCATION:

Qtr/Qtr: NWNE Section: 2 Township: 3N Range: 65W
Footages: 460 FNL & 2180 FEL
COUNTY: WELD STATE: CO API #: 05-123-17761

WELL DATA:

Surface Csg: 8-5/8", 24# @ 559' KB Elevation: 4801'
Surface Cmt: 390 sx GL Elevation: 4791'
Long St Csg: 4-1/2", 11.6#, I-70 @ 7238' TD: 7277'
Long St Cmt: 265 sx + 150 sx PBTD: 7212'
Long St Date: 12/24/1993

Plug Back (Sand or CIBP): Sand (Cleanout, 2000)
Perforation Interval (1): Niobrara Perforations: 6930' - 6940'
Perforation Interval (2): Codell Perforations: 7096' - 7106'
Perforation Interval (3): _____
Tubing: 2-3/8", 4.7#, J-55 @ 7055' Rods: _____
Pump: _____
Misc.: SN and NC @ EOT

PRODUCTION STATUS:

COMMENTS: SI
Uneconomic to execute STEM work

PROCEDURE:

- 1) Perform Form 17 if not done already. If any pressure remains or any liquids are present at the conclusion of the test, call AJ Paine.
- 2) MIRU Workover rig, pump & tank.
- 3) Blow down well and roll hole with fresh water, if possible.
- 4) ND WH, NU BOP.
- 5) POOH and LD tbg.
- 6) RU WL. RIH w/ CIBP and set @ 6880'.
- 7) Dump bail 2 sx of Class G Neat cement on top of CIBP.
- 8) Load hole with fluid and pressure test CIBP to 1000 psi with rig pumps. Hold for 15 minutes. Test will be considered successful if lose less than 100 psi. If test is unsuccessful, contact engineer.
- 9) RIH w/ workstring to 4607'. Pump 50 sx class G neat cement balance plug. Plug should extend from 4607' - 3970' inside of 4.5" production casing for Sussex coverage.
- 10) POOH w/ workstring.
- 11) RIH w/ 1' perforating gun and shoot 4-6 spf @ 2439' (TOC ~3800').
- 12) RIH w/ CIBP on workstring and set @ 2339' (100' above perforations).
- 13) Load annulus between production casing and workstring. Test to 500 psi for 15 minutes. Test is considered successful if lose less than 50 psi. If pressure test fails, contact AJ Paine.
- 14) Establish injection rate.
- 15) Pump 10 bbls Mud Flush (or similar spacer) followed by 200 sx of class G neat cement. Plug should extend from 2439' to 1939' in the annulus for courtesy plug.

- 16) Displace cement with 7 bbls fresh water (2 bbls short of workstring volume).
- 17) Unsting from CICR.
- 18) Place remaining 2 bbls of cement on top of CICR. Allow to fall on CICR as pulling out.
- 19) POOH w/ workstring
- 20) RIH w/ WL and cut production csg @ 759' (TOC @ ~1939')
- 21) Circulate a minimum of 2 bottoms up (80 bbls) or until well is free of oil, gas, and large cuttings.
- 22) Perform flow check for 5 minutes to ensure well is static and record current fluid weight in WellView.
- 23) Unland production casing
- 24) POOH and LD production casing; filling pipe every 6 joints
- 25) RIH w/ workstring to 759' (top of casing).
- 26) Establish circulation
- 27) Pump 10 bbls mud flush (or similar spacer) followed by 270 sx of G neat cement as a shoe plug. TOC should be at surface.
- 28) POOH w/ workstring. Top off cement if needed. Cement needs to be ~10' from surface.
- 29) ND BOP. Top off cement as needed.
- 30) RDMO.