



**Owens 14-34**

*P&A Procedure*

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

2/24/2017

**LOCATION:**

Qtr/Qtr: SESW Section: 34 Township: 4N Range: 65W  
Footages: 665 FSL & 1795 FWL

COUNTY: WELD STATE: CO API #: 05-123-16840

**WELL DATA:**

Surface Csg: 8-5/8", 24# @ 432' KB Elevation: 4762'  
Surface Cmt: 360 sx GL Elevation: 4752'  
Long St Csg: 4-1/2", 11.6# @ 7,235' TD: 7248'  
Long St Cmt: 515 sx PBTD: 7150'  
Long St Date: 3/15/1993

Plug Back (Sand or CIBP): Sand (Cleanout, 2000)  
Perforation Interval (1): Sussex Perforations: 4423' - 4428'  
Perforation Interval (2): Niobrara Perforations: 6822' - 6994'  
Perforation Interval (3): Codell Perforations: 7090' - 7101'  
Tubing: 2-3/8", 4.7#, J-55 @ 7052' Rods:  
Pump:  
Misc.: SN and NC @ EOT

**PRODUCTION STATUS:**

SI

**COMMENTS:**

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 @ 6772'.
- 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) RU WL. RIH w/ CIBP and set @ 4373'.
- 10) Dump bail 2 sx of Class G Neat cement on top of CIBP.
- 11) RIH w/ 1' perforating gun and shoot 4-6 spf @ 2372' (TOC ~3750').
- 12) RIH w/ CICR on workstring and set @ 2,272' (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 2372' to 1872' 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 @ 632' (TOC @ ~1872')
- 21) Circulate a minimum of 2 bottoms up (70 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 632' (top of casing).
- 26) Establish circulation
- 27) Pump 10 bbls mud flush (or similar spacer) followed by 230 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.