

JY Mayeda Unit Plugging

Recommended Procedure

Plug and Abandonment

Operator: TOP Operating Company
Well Name: J.Y. Mayeda
Legal: SESW Section 6 2N 68W 6 PM
Location: Weld County, Colorado
GPS: 40.16206, -105.0478
API: 05-123-11075
Surface: 8-5/8" 24# at 201' **Hole size:** 12-1/4" **TOC:** Surface
Production: 4-1/2" 11.6# at 7514" **Hole size:** 7-7/8" **TOC:** 6286'
Perforations: 7364' – 7382' (J Sand)
6918' - 6938'; (Codell)
7364' - 7382' (Niobrara)

PBTD: 7452'
TD: 77500'
Note: Deepest water well within 1-mile radius: 100'

Procedure is based off of known wellbore information.

1. Conduct pre-job safety meeting and complete daily JSA
2. Ensure that bradenhead test has been performed or perform bradenhead test a. Surface casing shoe cannot be pumped until there is no pressure in bradenhead
3. Prior to MIRU, check rig anchors and blow down well if necessary
4. Dig out around wellhead and check surface annulus for pressure
 - a. If present call Paul Herring #720-663-1698 and Mike Henderson #970-630-4051 for orders
5. MIRU P&A equipment, NDWH, NUBOP
6. TOH and tally tubing to derrick if present
7. RU wireline, PU 4-1/2" 11.6# CIBP, TIH to 7314', TOH
8. TIH and CDB 2 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of plug, TOH
 - a. 2 sxs is 26' in 4-1/2", TOC: 7228'
9. RU wireline, PU 4-1/2" 11.6# CIBP, TIH to 6600', TOH
10. TIH and CDB 2 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of plug, TOH
 - a. 2 sxs is 26' in 4-1/2", TOC: 6574'
11. TIH and perforate casing at 2950', TOH, PU 4-1/2" 11.6# CICR
12. TIH and set CICR at 3050', TOH, RD wireline
13. PU stinger, TIH to 3050',
14. Sting into CICR at 3050', establish injection rate into CICR
 - a. If pressure test fails or unable to establish injection rate, call Paul Herring and Mike Henderson
 - b. Pump 55 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement, 44 sxs under and 11 sxs on top
 - c. 4 sxs is 52' in 4-1/2", 40 sxs is 201' in 4-1/2" x 7-7/8", Annular TOC: 2899'
 - d. 11 sxs is 145' in 4-1/2", TOC: 2905'
15. TOH and LD to 3,100', reverse circulate tubing clean, TOH and LD tubing
16. RU wireline, TIH and perforate casing at 500', TOH, RD wireline
17. Establish circulation to surface via perforations
18. Circulate 150sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface

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19. TOH and LD tubing, RDMO, dig out and cut off wellhead, verify cement at surface, top off if necessary
20. Weld info plate onto casing, backfill pit, clean location, P&A complete