

P&A Procedure for the Figure Four Ranch 499-12-48

12-4S-99W Rio Blanco County, Colo.

9 5/8" @ 2,390' TOC at Surface

5 1/2" 17# @ 11,003' TOC 6,232' CBL, DV tool at 6,983'

Tubing: 3 1/2" 9.3# CS Hydrill in an Arrow Set Packer at 8,600'

Perfs: 7,842'-7,934'

9,732'-9962'

MIRU, NDWH, NUBOP

POH and lay down 3 1/2"

Pickup 2 3/8" N80 work string

RIH with bit 50' above perfs at 9,682'

POH, RIH with CIBP and set at same depth

Pressure test tubing, Sting out of CIBP

Spot 25 sxs on CIBP (219' in 5 1/2" casing)

POH, RIH and set a CIBP above the Cozette perfs at 7,790'

Spot 25 sxs on CIBP (219' in 5 1/2" casing)

Roll hole with produced water

Pressure test casing, if it fails call for orders

POH to 7,000' and spot 20 sacks across DV tool (176')

POH, Cut and pull casing from 50' below base of surface

RIH to casing stub, spot 80 sacks

POH and WOC and tag

TOC must be 50' above the shoe, add cement if necessary

POH, NDBOP, RIH to 100' circulate cement to surface

Cut off the wellhead

Top off cement in annulus if necessary

Weld a plate with well information, RDMO

All cement is 15.8# class G neat with a 1.15 cuft/sack yield

Well Name: Figure Four Ranch 499-12-48

API #: 050103109300000

Location: Sec. 12-4S-99W

KB: 8,410' (28' AGL)

GL: 8,382'

County/St: Rio Blanco, CO

Created By: M. Bale

Date: 2/9/2012

Current Wellbore

DV Tool @ 830'

14-3/4" Hole
9-5/8", 36# csg set @ 2,390'
Cemented w/ Stage 1: 1,661 sx. Stage
2: 622 sx and topped out with 200 sx to
surface.

Tubing Detail:

3-1/2", 9.3#, CS Hydril
5-1/2" Arrow Set Packer @ 8,600'
(Cannot find records that this frac string was pulled
after the frac)

TOC @ 6,232' (CBL)

DV tool @ 6,983

Corcoran/Cozette Stage #1 Perfs:

7,842' – 7,850'
7,900' – 7,905'
7,926' – 7,930'
7,932' – 7,934'

Mancos "B" Stage #2 Perfs:

9,732' – 9,962'

PBTD: 10,965'
TD: 11,010'

8-3/4" Hole
5-1/2", 17#, N-80 set @ 11,003'.
Stage 1: 498 sx
Stage 2: 885 sx

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Proposed Wellbore

40 sx cement plug
100' to surface

DV Tool @ 830'

14-3/4" Hole
9-5/8", 36# csg set @ 2,390'
Cemented w/ Stage 1: 1,661 sx. Stage
2: 622 sx and topped out with 200 sx to
surface.

5-1/2" csg stub at 2,440'.
Cemented w/ 80 sx.

TOC @ 6,232' (CBL)

DV tool @ 6,983'

20 sx cement plug
across DV tool.

CIBP @ 7,790'
25 sx cement on top

Corcoran/Cozette Stage #1 Perfs:
7,842' – 7,850'
7,900' – 7,905'
7,926' – 7,930'
7,932' – 7,934'

CIBP @ 9,682'
25 sx cement on top

Mancos "B" Stage #2 Perfs:
9,732' – 9,962'

PBTD: 10,965'
TD: 11,010'

8-3/4" Hole
5-1/2", 17#, N-80 set @ 11,003'.
Stage 1: 498 sx
Stage 2: 885 sx