

## **P&A Procedure for Hells Hole 9143**

18-2S-103W Rio Blanco County, Colo

7" @ 1,148' TOC at Surface

4 ½" 10.5# @ 4,469' TOC 440' CBL

Tubing: 2 3/8" at 4,349'

Perfs: 4,026' – 4,294'

MIRU

NDWH, NUBOP

POH and check tubing visually

RIH with bit 50' above perfs at 3,975'

POH

RIH with CIBP and set at same depth

Pressure test tubing, Sting out of CICR

Spot 20 sxs on CICR (256' in 4 ½" casing)

Roll hole with produced water

Pressure test casing, if it fails call for orders

POH to 2,500'

POH to 1' below the base of surface at 1,200', and

Spot a 20 sxs balanced plug (Note TOC is above base of surface)

POH

NDBOP

Perf squeeze holes at 100'

Circulate cement to surface

Cut off wellhead

Weld on a plate with well information

RDMO

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

**Well Name:** Hells Hole 9143

**API #:** 0510310350

**Location:** Sec. 18-2S-103W

**KB:** 7,187' (10' AGL)

**GL:** 7,177'

**County/St:** Rio Blanco, CO

**Created By:** M. Bale

**Date:** 5/9/2012

**Current Wellbore**

TOC @ 440' (CBL)

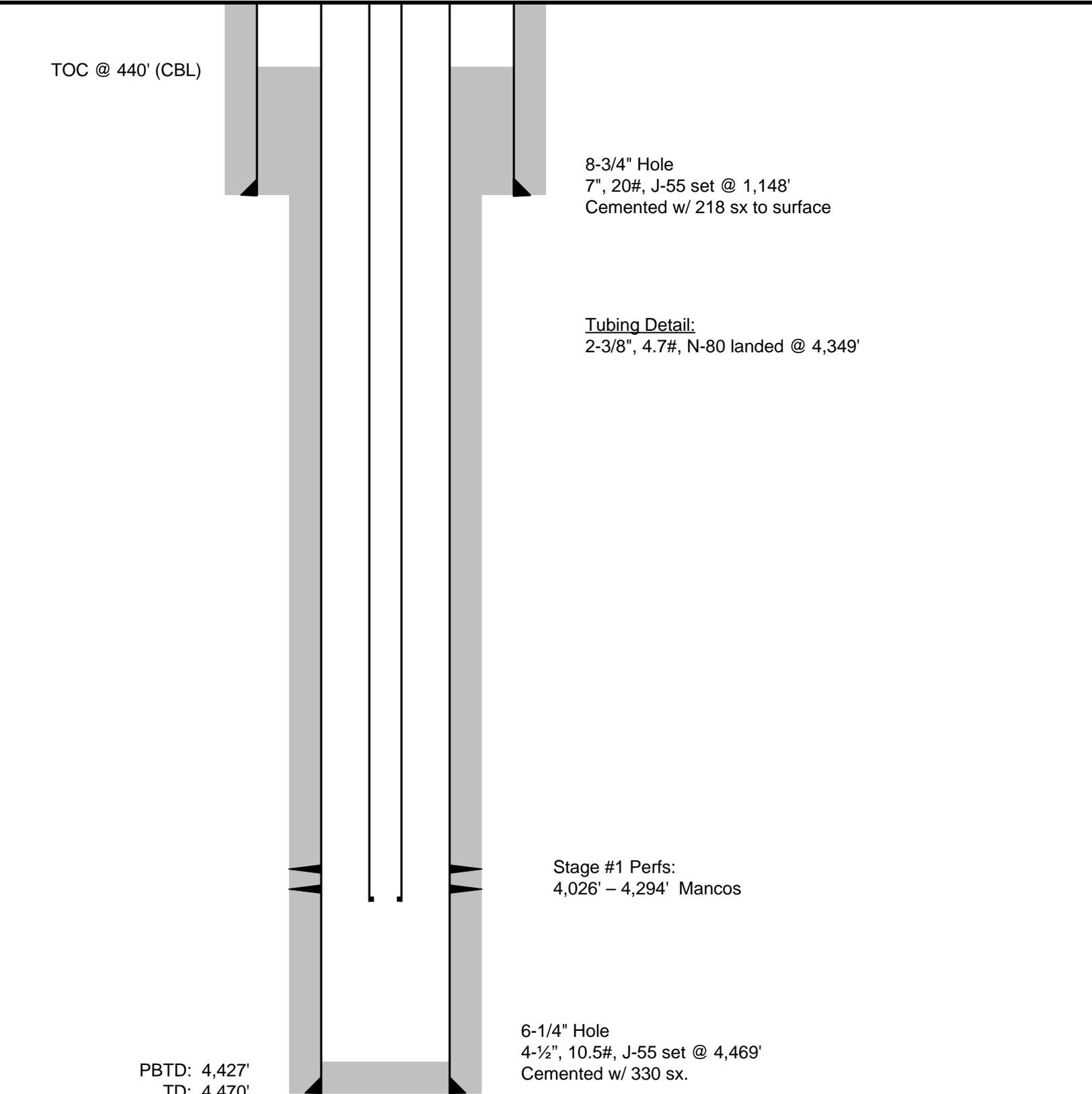
8-3/4" Hole  
7", 20#, J-55 set @ 1,148'  
Cemented w/ 218 sx to surface

Tubing Detail:  
2-3/8", 4.7#, N-80 landed @ 4,349'

Stage #1 Perfs:  
4,026' – 4,294' Mancos

PBTD: 4,427'  
TD: 4,470'

6-1/4" Hole  
4-1/2", 10.5#, J-55 set @ 4,469'  
Cemented w/ 330 sx.



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### Proposed Wellbore

TOC @ 440' (CBL)

Squeeze perms @ 100'  
Cement w/ 20 sx to surface

20 sx cement plug 100'  
across surface shoe

8-3/4" Hole  
7", 20#, J-55 set @ 1,148'  
Cemented w/ 218 sx to surface

CIBP set @ 3,975'  
20 sx cement on top

Stage #1 Perfs:  
4,026' – 4,294' Mancos

PBTD: 4,427'  
TD: 4,470'

6-1/4" Hole  
4-1/2", 10.5#, J-55 set @ 4,469'  
Cemented w/ 330 sx.

