

Green 1-13 Re-plugging procedure

1: Locate old surface casing and record GCS coordinates, Dig up surface casing and raise to ground level.

2: MIRU Work over rig and support equipment.

3: PU 6 1/2" bit, Drill out surface plugs down to 500'. TOO and LD bit and PU Notched Collar

4: TIH and wash down to the top of the Niobrara at 6123'.

5: Circulate the hole clean.

6: RU Cementers, Mix and pump 75 sack of G cement with 2% Calcium Chloride mixed at 15.8 PPG.

7: TOO with tubing to allow cement time to set up, circulate tubing clean.

8: TIH and tag cement plug.

9: TOO and LD tubing and leave 650' of tubing in the hole.

10: Establish circulation, Mix and pump 175 sacks of G cement mixed @ 15.8 PPG.

11: TOO and LD tubing.

12: Top off well with cement.

13: RDMO work over rig and support equipment.

14: Cut 8-5/8" casing off 5' below ground level and weld on steel cap.

15: Back fill well and remediate the disturbed area with appropriate seed mixture.