Mallard Exploration
K+E 2-1 #2-1 Re-Entry P&A
Cinnamon Teal WBI – Capital
Lat: 40.609795 Long: -104.052351

Procedure:

1. Survey and locate abandoned well. Mark with stake and record as-drilled GPS coordinates.

2. Excavate to expose top of surface casing. Cut welded plate off. Weld 8-5/8" slip collar, sufficient 8-5/8" casing to reach ground level, and 8-5/8" slip collar.

3. MIRU workover rig. NU wellhead and 5k BOP. Test BOP.

4. PU and RIH with 6-1/8" bit and 2-7/8" 6.5# L80 EUE workstring with 10 3-1/2" drill collars. Drill out surface cement plug and circulate hole clean.

5. Continue drilling or RIH to top of surface casing plug. Verify depth of surface casing plug by tagging. Pressure test surface casing to 250 psi. If surface casing fails pressure test, contact engineer.

6. After pressure test of surface casing, continue to drill out surface casing plug. If pressure is encountered below surface casing plug, circulate hole with mud or kill fluid until well is dead or blown down.

7. Continue drilling or RIH, cleaning out drilling mud or water to 6,100'. TOOH with bit and 2-7/8" workstring.

8. PU and RIH with mule shoe and 2-7/8" L80 tubing to 6,100'. RU cement crew, pressure test lines to 4,500 psi and pump balanced plug of 104 sks of 15.8 ppg Class G neat cement at 6,100'.

9. POOH to surface casing and wait four hours. RIH and tag top of cement. Record tag depth. If tag is deeper than 5,950', contact engineer.

10. POOH to 500'. RU cement crew and pump 186 sks of 15.8 ppg Class G neat cement and bring cement to surface. POOH with 2-7/8" tubing. Wait four hours and tag top of cement. If cement has fallen, top off to surface. RDMO.

11. Once surface plug has set, cut casing to 5' below ground level and weld on plate to seal the wellbore. Inscribe the well's legal location, well name and number, and API number on the plate as shown below:

> K+E 2-1 #2-1
> 05-123-21392
> 620' FNL 707' FEL NENE Sec 2 7N60W

12. Backfill hole and reclaim surface to original conditions.

See As-Plugged (Existing) & Proposed WBD Attachments