UPRR 1
39.810972 / -104.699244
05-001-05084

UPRR 1 Procedure

1. Survey and locate plugged wellbore. Set a stake and record as-drilled GPS coordinates.
2. Excavate around wellbore to expose the top of the surface casing.
3. Cut existing cap off wellbore. Weld a slip collar to 10-3/4" casing and necessary length of casing to reach ground level. Weld another 10-3/4" slip collar.
4. MIRU workover rig.
5. Install wellhead and BOP. Test BOP.
6. PU and RIH with 6-1/4" tricone bit, 10 3-1/2" drill collars, and 2-7/8", 6.5#, L80, EUE workstring.
7. Drill out 1st surface cement plug and circulate hole clean.
8. Continue drilling or RIH to top of 2nd surface casing plug. Record depth of plug.
9. Pressure test surface casing to 250 psi. If surface casing fails pressure test, contact engineer and hunt holes.
10. After pressure test of surface casing, 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.
11. POOH and LD 6-1/4" tricone bit.
12. PU and RIH with mule shoe and 2-7/8" L80 tubing down to 8404'.
13. RU cement crew, pressure test lines to 4,500 psi, and spot plug from 8404'-8256' with class G cement (48 sks) to cover the D Sand formation.
    - **FROM THIS POINT MOVING FORWARD:** Must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact engineer before continuing operations.
14. POOH and spot plug from 7677'-7377' with class G cement (100 sks) to cover the Niobrara formation.
    - **IF CIRCULATION IS NOT MAINTAINED WHILE PUMPING PLUG:**
        i. POOH to surface casing. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 7477', contact engineer.
15. POOH and spot plug from 1676'-1427' with class G cement (85 sks) to cover the Fox Hills formation.
16. POOH to surface casing. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 1477', contact engineer.
17. POOH and spot plug from 1030'-880' with class G cement (50 sks) to cover the Arapahoe formation.
18. POOH to surface casing. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 930', contact engineer.
19. POOH and spot plug from 250' to surface with class G cement (115 sks).
20. RDMO. Top off cement after rig has moved, if necessary.
21. After surface plug has set, cut casing to 5' below ground level and weld on a plate to seal the well.
22. Inscribe the well's legal location, well name and number, and API number on the plate as shown:

660' FNL, 660' FEL, NENE Sec 7, T3S, R65W
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23. Photograph welded name plate and send to engineer before proceeding.
24. After confirmation from engineer is received, backfill hole and reclaim surface to original conditions.
25. Cover up the well and remediate the disturbed area.

UPRR 1 Cement Plug Table

CEMENT PLUG TABLE							
Plug Number	**Plug Status**	**Formation**	**Plug Bottom Depth**	**Plug Top Depth**	**Cement Class**	**Yield (ft^3/sk)**	**Number of Sacks**
1	New	D&J Sand	8404'	8256'	G	1.15	48
2	New	Niobrara	7677'	7377'	G	1.15	100
3	New	Fox Hills	1676'	1427'	G	1.15	85
4	New	Lower Arap.	1030'	880'	G	1.15	50
5	New	Fresh Water	250'	Surface	G	1.15	115
						TOTAL NEW SKS OF CEMENT REQUIRED:	**398**