Drill 12 ¼” Pilot hole

* Hard cement tagged 1623m
* LOT = 13.3ppg
* Hazard 1, avoided in trajectory (120m to NE), WAS avoided—BUT depleted sand lense from 1710m to 1717.5m, approximate depths of hazard.
* Reservoir from +/- 2030mMD (35m deep)
* Drilling break 2039.5m to 2040.3m and losses 300bbls/hr (note details). Spotted 97bbls 39ppb LCM pill, losses cured then slowly recurring as drilling continued (48bph). Drilled ahead with LCM in active and losses reduced to zero by 2081mMD.
* Total losses: 2580bbls [From mud reports: 750 on 09/06/2012; + 400 + 550 + 270 + 40 + 500 + 70]
* Drilled ahead to 2091mMD, losses noted, flow checked (noted 120bbl/hr losses), **got stuck 17:30 10/06/2012 with bit at 2082mMD and could not get free after extensive jarring.** Losses continued.
* Got packed off and could not circulate
* FPIT run, indicated stuck at 2049.3mMD (with the bit at 2082mMD, this meant the BHA was stuck approximately at the Well Commander circulation tool, directly above the stabiliser)
* **Fundamentally: WHY did we get stuck? Could certainly be differential, also likely a cuttings avalanche because of: cavings noted on shakers before stuck; 10.3ppg pore pressure at 1900mMD, but MW only 10.55 and unable to increase because of losses; packed off**
* **Fundamentally: WHY did we P&A? It was NOT because we got stuck—it was because Reservoir came in extremely poor, so there was no point in sidetracking to complete. A deeper target (Serage) was considered briefly, then discarded.**
* Top of fish 1999mMD
* Put in note of what was LIH (all BHA + 9 DCs above Well Commander)
* Back off ok and POOH ok, some tight spots.