Transcription of John LeBleu interview notes (per Warren Winters)
conducted 29 Apr 2010

panel: Matt Lucas, Warren Winters

Opening discussion:
has PPFG challenges with well
Initial FG estimates seemed high but experienced losses plus kicks
production hole began with 14.1 ppg mud, raised to 14.2 due to gas then 14.3 then saw targets, then raised to 14.4 and experienced static losses of 300 bbl/hr
pumped 14 ppb graphite/fiber LCM pill to identify loss zone in 104 bbl 1000 ft interval but 180 bbl pill ineffective
a Formaset/Formasqueeze tandem pill stopped losses (Formaset is x-linked polymer; Formasqueeze is diatamaceous earth)
washed hole out, may have seen gas, drilled 100 more feet with 51 bbl losses
pumped std lost circulation material (LCM), stopped losses while reducing mud weight to 14.0
logged for 5 days, had trouble getting tools thru final 100 ft
drill bit run went to bottom without losses
got back some LCM on bottoms-up but fairly uneventful
ran production casing without losses but there was concern about getting 2nd ball to shift Allamon tool
finally 3100 psi shifted Allamon tool which seemed high
concern that circulating pressure was much less than predicted by MI-Swaco Virtual Hydraulics model, 50% low
hence focus on 2nd ball and why pressure was low
something about closing annulus to verify Allamon tool
something about cementing pressures less than predicted by Halliburton model
something about plugs bumping with compression but thinks plugged bumped
backing up, on the 14th, washing tanks on rig and sending mud back to Fourchon before being sure well would not be deepened
rig focused on getting ready to move to Nile PxA
out of routine for Horizon to work with completion fluids so, on the 14th, only 1300 bbl mud remained on rig per M-I before running casing
returning to cement job, J.Guide concerned about pressures vs. modeling
had M-I review modeling to explain discrepancy
could not figure out why pressures were low
at time of event, was different to have drillstring that deep
did positive test to 10 ksi
uncomfortable discussing negative test, described as problematic, "acting strange", planning to do or had done 2nd negative test
post-incident, gathered data and tried to understand mud transfers
found 300 bbl gain in active pits that did not show on trip tank
maybe trip tank was lined up wrong but was later heard that mud engineer had transferred 300 bbl from sand traps to active system
getting ready for Nile completion, moving mud off rig in aggressive fashion
had mixed a tandem pill without X-linker but did not need it so discussion turned to dumping it in order to wash tanks
pill could not be dumped if I had not been in wellbore
idea was to use it as a space to displace riser
spacer products were acceptable to dump as long as there is no sheen
questions afterward about spacer density thought to be 16 ppg
surprised about negative testing at same time as displacing riser
now supporting relief well effort, assigned to DEN, working on Stress Cage
ran sag shoe test on mud in Macondo well before cementing production casing, VSST=0.32 (= excellent)
the gain was in no. 9 and no. 10 active pits
still wondering was the transfer at 4:30 pm?
when was the static sheen test? (sheen is observed for 1/2 hour)
possible Blair was at shakers, Gordon at mud pits (M-I mud engineers)