

Earl Lee

Aug 09 on Horizon - in patch 42 yrs in Aug

Any leaks in system, surface or subsea - no
units using more hydraulic fluid than normal - not aware of
MMS dispensations received for anything on BOP stack that
was not functioning - no, none known

any tags on control panels - no looked at panel every time on
floor

rig moved anytime - yes, was on Kodiak, then to Tiber, then
to Macondo

issues with riser connection latching or unlatching - no,
unlatched on Hurricane Ida, 50 ft waves knocked back,
unlatched, was with driller on unlatch and relatch - did
emergency disconnect for storm

OIM Jimmy Harrel on Horizon ordered disconnect from bridge
during hurricane Ida - on DIMS reports, Marianis received
damage when on Macondo, had to leave well

latched back up, no problems, textbook

digital photos of control panels on rig floor or bridge - no

last disconnect - wasn't there on disconnect from Tiber - but
was there for DC and RC in Ida

Don't recall stack being pulled, but on moving they did testing
on stack

EDS functions locations - bridge, rig floor, only 2 I know of
control panels on rig - rig floor is only one I've seen

EDS system kind - don't know

working around EDS system with function sheets - control
audit each week - saw from rig floor

TO have document showing EDS system operation - have
not seen one, just the well control audit sheet

EDS system 1 and 2 - don't know

diverter when in normal drilling operations - 6 5/8 packer in,
haven't checked on lineup

gas up in riser, not too bad, go to degas, how lined up - don't
know

riser degas to diverter OB - if system couldn't handle it, could
come out of diverter system. Using synthetic based mud,
wouldn't want to divert it. Don't know how they keep it lined
up

If overpowers system, pressure sensors would send OB

ROV use hot stab anywhere on or around BOP - no, not hot
stab

besides monitor stack, has seen glycol injection for hydrates
method of BOP testing charting performed - Halliburton circle
recorder - green light printout - regular hand chart recorder
no 3rd party seen, only worked on once, coming off of Tiber
well

BOP on deck, changed out annular and rubbers - yes



modifications done to BOP or control system - no

TO has BOP on deck, cavities open, what kind of inspections - walked close by but didn't go where impact wrenches being used. Not sure if blacklighting or not.

closed diverter, lose reading from flowmeter to logging unit - not seen it closed, but would think you would

diverter valve upstream of flow panel - think you would

divert to OB or small mud gas separator, would discharge from small boy degasser go where - shakers I think, problems losing mud, ballooning - 400psi trapped on back side, losing 80-90bbls or more

talked to John guide, bleeding off, asked can we go to trip tank to monitor, was told no

neg test line up - haven't done one - but would close preventer above choke/kill line, pump water down line, and take returns up opposite one, 99bbls, close valve with mud, bleed pressure off monitor

who is in control of test when started - haven't done one, I would be in control if so. TP or Sr TP with driller and AD, think plan before starting

run negative test before - yes

any issues with valves plugging - cant do test on surface stack the same

bladder effect - no

annular compression - no

6 5/8 pipe, 32lbs/ft, other says .0272bbl/ft - using all pipe, b150, had to land 9 5/8 - didn't land with 33lbs, wouldn't handle it

sensor on choke manifold which would give readout to mudlogging unit - yes, landing plugs - each time test would compare drillers choke console vs Halliburton choke pressure gauge - yes