

4/28/2010

Interview w/ Bob Kaluzan - Jim Case, Jim Westerbe, Rex Anderson,
Steve Robinson

Assigned to Thon-Lahuse but on Horizon as
Recief - Asked to go out w/ Ronnie Sepulveda
Assigned me to 15th Incident on 20th
Didn't really know history of well

Just from upon arrival, had just finished running
Casing 18,304' - 9 7/8" x 7" w/ Bullet nose
shoe - double-valve float collar - had trouble
getting collar to stem - wasn't a true r/cmt
job but Horizon is great well.

Came in and had to steam float cement to
Allamra divert sets if it converted okay

Allamra had a Word out to convert their
tool but had trouble w/ float collar.

called town because Word suppose to convert Jobs
At 7000' but needed higher - TALKED TO TOWN GUARD
TO see how high he could go - permission to 3200
Nogo - permission to 3500 - went off at 3100 ± psi.

* Once started circulation - pumped slowly @ 1 BPM
to break core - core press 128 psi. Flow
seemed to come back strongly at first - seemed unusual to Bob

→ No drill bit 4 BPM - 570 psi - } seemed odd to Bob &
→ @ 4 BPM actual - 350 psi } others within

Switched pumps (3 to #4) to see if different
Break core @ 245 psi 1 BPM dropped to 205

continued pumped ended @ 390 psi @ 4 BPM
- Discussed w/ John Guoco & Keith Dwyer - OK to pump
Cement

Went off tour - Don did cement job - seemed
to go well

Steve
←
Kaluzan

Bob (cont.)

Circ Before ^{CSO} (Wiper Trip After Cgs),
got back 1120 w gas - a 3000 v system

- Not really alarming but was a bit high &
went back to BGG

Plan called F/1.5x DP volume prior to count
JOB - did not circ bit up
Floats held.

Came back on tool at 60 when ready to do
positive/negative tests. Don did setting on seal
Assy & seemed to go okay.

Hangar landed in 5' deep - 5' depth difference
b/w Mariani's horizon - Not unusual
should exactly as it should (slope) Don
set seal assembly.

When Bob came on near day, WITH w/ TAPDOWN stroke

6 7/8 x 5 1/2 x 3 1/2
RHS + 3200' 821' TO 8367'

7 3/8" RAN IN TO 4900' FT

Close Behind 51000

Pumped down Kill LINE. Press to 250 psi low then 2350 psi
TO 6.7 bbls to get the high pressure F/30 mins
Rock Solid

Don't know if they circ from Kill to OHSK to come open

RH TO 8367'

Had discussion w/ Towel about TA procedure

Bob (cont)

Mark Hinkle was called & wanted to ensure
Bob had seen the Temp Assignment procedure (APM)

Permit to
modify

Brian Moril in bed (stayed w/ K1 cement job)

Team in town

Wanted to do displacement & take negative test but
need to follow APM.

Bob asked clerk to go wake up Brian

Brian had a procedure that didn't match APM

Town had decided to deviate. Brian came in
& said he would get this straightened out w/ Mark.
(Mark had been on vacation and other team members
wanted to do the different procedure)

Not sure if they talked to MMS or NOT about
changing procedure

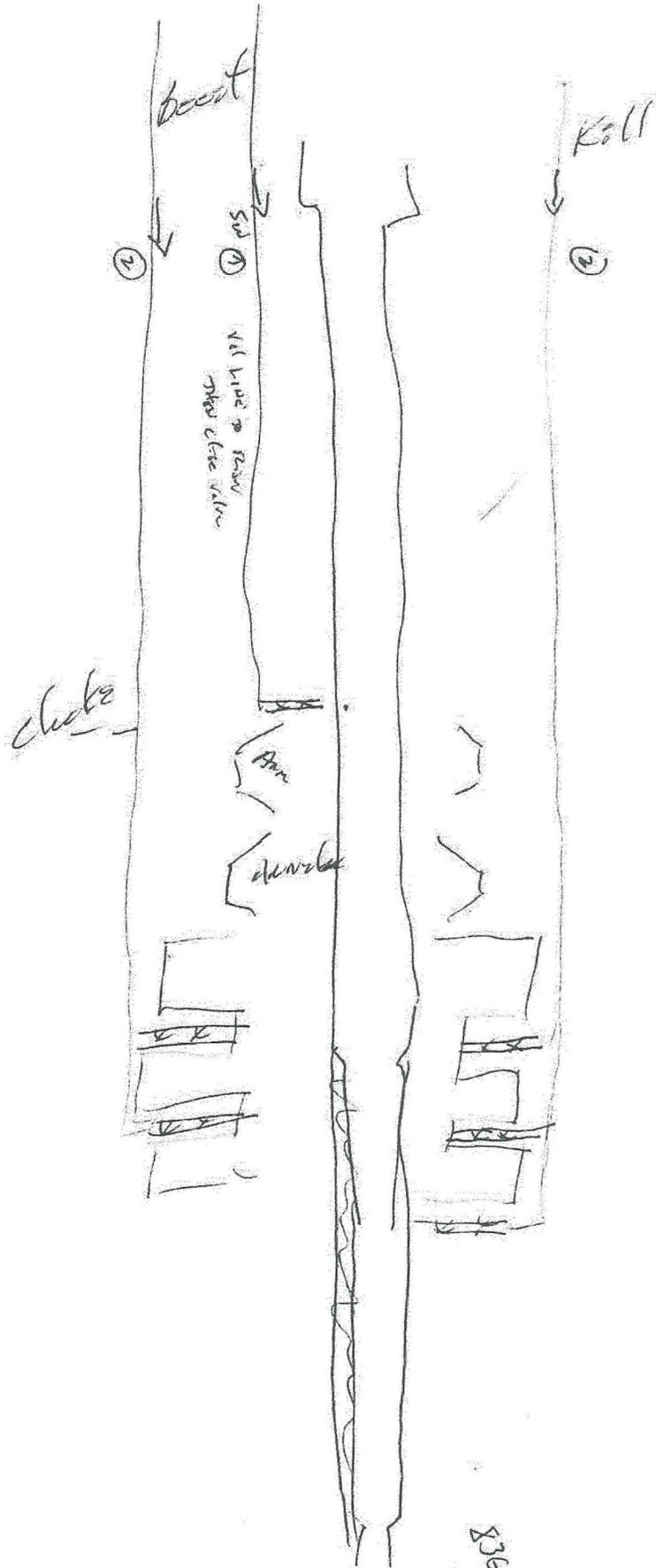
APM CSC test, 1200 to 8367'

was
Vince cement w/ Head Person Test

Discussed w/ TP.
~~Wymon~~ Wymon (Junior TP) told Bob he was comfortable
w/ this procedure (neg test in another test)

Went back to office to work on plus procedure
When finished, went back to floor crew
had pumped SW down DP w/ 450 bbls WBM space around
such that btm of spacer above stack

Volume in each line pumped to rise
class then close respective valve
All of stack open



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Bob (cont.)

Closure bag is then pumped need to fill riser - did not take much volume to fill

Monitored - static

Saw 1260 psi on DP - Roway Ezell was there
Leo Lambert was there

Roway pushed for negative test on DP

APD requires monitor on kill line

Discussed pressure

Called Vance to bleed THTG 1262 psi

It Bled off quickly - 15 bbls

Discussed the kill line issue

- Needed to monitor on kill line

Opened on kill line - started to flow

- Vance called & said we're getting flow

Went down to talk to Don (close to change out)

Believes they si on iBOP

Bob & Don went up to floor

Jason Relined Ezell - Ezell there saw

Long discussion

Recall they said they bled fluid after pumping

Jason said "Bob & Don this happens all the time"

Called it a bladder effect. Said Annular element
will compress the DP. He said all company men
do it differently but this happens every time.

Annular puts pressure on fluid below.

Bob ~~insist~~ insisted that it must be done down kill
line. We'll make sure kill line is full & then

Monitor.

Bob went down to get procedure re cement job

When he came back, 30 psi on kill line. Lined up
for mini-trip make to monitor. Bled 30 psi off
& gained 0.2 bbls. No flow

TOLD VANCE
TO SI - TOWER
IN 3-4 BALS
ON KILL
LINE

Bob (cont)

ON DP SIDE, pressure was building.
Jason said it was bladder effect
WOB was changing w/ change in DP pressure
Jason said it would build to 1400 psi & level off.
Left Ric Floor NOT FEELING ANXIETY AT ALL

DRILLER SAID HE
HAD SEEN THIS before
also.

300 GSI gain @ 17:50? Leo said he was pumping
Joe out sand traps - AND THAT IS ABOUT 300 GSI
Mudlogger seemed to verify - said everything was perfect
said displacement volumes were perfect

Bob went ~~to~~ left Ric Floor @ 19:50 FOR BEL.
Woke up to noise. Power off. door opened
door to get light. Found & put on Room 310
clothes. Went into hallway. ceiling tile &
debris blown onto stairway. Had to find
another exit. AIR WAS heavy. Found water
proof door. Open door & lot of smoke. went
back down to find another exit. Saw someone
coming down hall w/ flashlight. Went out same
door & up spiral stairway. He instructed Bob
to get TO LIFEBOAT #2. Lots of PANIC AT
THE LIFEBOAT (#2). TRIED TO calm people & get
them TO LIFEBOAT. Man guy showed up & said
Needed A DPO. Found DPO on megaphone screaming
ABANDON RIG. THEY THEN LOADED BOAT.
& THEY LOADED BOAT. Door opened & 4 men
came in. Closed door (with them) but then
STARTED LOUDLY. Moved away if
Rig & THEY STARTED TAKING ROLL. Went to
LIFEBOAT & CLIMBED UP ~~LIFEBOAT~~ ROPE LADDER

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Bob (cont)

Watched FIRE FROM BOAT:

AT FIRST - NOT AS INTENSE AS LATER
FIRE WAS BEING FED BY WELL IT SEEMED.

Candlestick OF FIRE.

Residue or Flame got taken

INITIALLY WHITE SMOKE & THEN BECAME DARK

Bob & Dan discussed

Heard someone say that mud initially come out
of Diverter line

Joe Mudlogger closest to Ric Floor

MISSING

CRANE OP - THOUGHT HE WAS CLIMBING DOWN STBD CRANE

2 Mud men

8 on Ric Floor

^{IN UNIT}
JOE TOLD BOB - 2 EXPLOSIONS - 1ST HE TALKED ^{UNITE STAYED KILLING}

W/ SMOKE. COULD NOT EXIT BECAUSE OF FLAMES

2ND EXPLOSION ~~near~~ larger, ^{seemingly} ~~seemed~~ to knock flames out

EXIT: ^{logging unit} Dan - ^{found} Crane op laying on deck w/ blood around him

Heard that fluid coming out OF DIVERTER

Did Bob see mud on the BOAT? yes, mud deposited
on Deck OF BOAT

Bob (cont)

Bob's view on what happened

- IF Bladder effect race, Did not get 2350 psi. ~~ESD~~ test Negative TEST
- gas could have migrated up to packoff
- seals must have failed
- But opening Kill Line would have provided a negative test on seals

END KAW

4-29-2010

Prep FI Interview of Lee Lambert WSCAF

CUT JOBS
 TAKE FOR W/1
 3 bbls Base oil Behind
 TAIL - in front of PLUT
 - TAIL in Dims
 Wrong
 Not so bad
 They're asking

1620-1645 WHAT WAS FLOWING INTO TRIP TANK? -
 L1018 WHERE WAS THE 15 bbl bleed? TT OR HES

1800-1855 22 bbl gain? - don't see ←
 WHEN WAS BAC CLOSED

1700 BLEED 2400 TO 200 - WHAT WAS FLOW CHECK DONE?

1705 DP INC TO 1260 W/ 40 bbl TT gain - why?

1710 WHY 1260 ON DP -

Back to bleeding 1260, what did Kill Line Press Read?

1727 BLEED DP 1260 TO 200 - 15 bbls bleed? TO Halliburton? (yes)

1733 Open Kill Line to monitor well - got 3-4 bbls back - doesn't know Vance or cut unit called floor & said "I'm getting flow"

They say shut-in - Need to confirm

1733-1752 - No press/No changes what's happening - JUST getting 3 bbls Test

1752 - Press INC TO 1800

1832-2002 - 1400 psi on cut unit - OP or COU? DP

2005: Open Ann - CHECK FOR FLOW?

2006: START pumping SW - Mod pumps or HES?

2030: GAIN IN PIT? TT BEING DRAWN?

2037-2057: TT INCR 40 bbls - don't know

2057 TT TO 200 - PVT going up? don't know

2100 - (unclear) (unclear) 500 = (unclear) WHY?

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