



## MALAYSIA

## Daily Operation Report

Well: BY-414				Wellbore No.: OH		Report no.: 22		Report date: 6/30/2020	
WELL INFO									
Event Description: ORIGINAL DRILLING			Water Depth: 97.40 ft			Region: SKA		Rig Name: PV DRILLING II	
Objective: DEVELOPMENT		Field / Platform: BYDP-D			AFE No.: P.CBLGN2B2C.CD.PDDC.814		Start date: 3/8/2020		Spud date: 3/10/2020
Block: Balingan		Lead DS: Anuar Mohamad			Night DS: Yusuf Hashim		PCSB Engineer:		
DEPTH DAYS						COSTS()			
DOL : 128.50 days		MD : 4,900.0 ft		Rotating Hrs : 39.67 hr		Last Casing : 9.625 in		Daily cost :	
DFS : 19.05 days		TVD : 4,518.3 ft		Cum Rot Hrs : 39.67 hr		Last Hole Size : 12.250 in		Cumm Cost :	
Total Days : 34.30 days		Progress :		Avg. ROP : 0.0 ft/hr		Last Shoe TMD : 4,888.8 ft		AFE Cost :	
Est days :		Final TMD :				Last Shoe TVD : 4,509.2 ft		Supp Costs / Days :	
Daily NPT : 0.00 hr		Cumm NPT : 19.75 hr				Current Hole Size :		Expenditure :	
STATUS									
Current status : POOH with PXN plug RT.									
24 hr summary : Cont RIH 3-1/2" dual-completion. Ran GR/CCL correlation. Spaced out compl string. M/U 3-1/2" dual-tubing hanger. Feed through PDG & TRSV control lines. Pres test fittings conn. Landed 3-1/2" tubing hanger & press tested seals. Rigged up Geowell slickline.									
24 hr forecast : Cont R/U Geowell on SS & LS. P/test tubing against TCO plug & Inflow test TRSV in SS. RIH & set PXN plug/prong in LS using slickline. P/tested tubing and inflow test TRSV in LS. Set & p/test packer at LS & SS. N/D BOP. N/U X-mas tree.									
Incident / Accident : NIL									
Remarks : NIL									
OPERATION SUMMARY									
From - To	Hrs	Phase Code	Activity Code	Productive / Non-Productive Code	NPT	Rig Status	MD from (ft)	Operation	
0:00 - 1:15	1.25	COM	RCT	OPRN		OPRN	4900.00	Continued making up 3-1/2" 9.2 ppf L80 JFE Bear dual-completion tubing and RIH to 4075 ft-MD (LS) and 3510 ft-MD (SS). Average running speed of 12-14 joints/hour. Monitored well on trip tank - loss rate 1.0 bbls/hr.	
1:15 - 5:15	4.00	COM	RCT	OPRN		OPRN	4900.00	Continued making up 3-1/2" 9.2 ppf L80 JFE Bear dual-completion tubing accessories and RIH to 4157 ft-MD (LS) and 3591 ft-MD (SS).  Long-String Assembly LS-11: 3-1/2" Pup Jt (15 ft) - 3-1/2" Flow Coupling (CP Groove, 3 ft) - 3-1/2" TRSV (TRMAXX-5E, X-Type, 5K Rated, 5" OD, 2.812" ID, S/N: C19S-0451) - 3-1/2" Flow Coupling (CP Groove, 3 ft) - 3-1/2" Pup Jt (15 ft).  Short-String Assembly SS-06: 3-1/2" Pup Jt (15 ft) - 3-1/2" Flow Coupling (CP Groove, 3 ft) - 3-1/2" TRSV (TRMAXX-5E, X-Type, 5K Rated, 5" OD, 2.812" ID, S/N: C19S-0453) - 3-1/2" Flow Coupling (CP Groove, 3 ft) - 3-1/2" Pup Jt (15 ft).  Flushed control lines with Jenteram 46 hydraulic oil and connected to TRSVs. Pressure tested TRSV control lines integrity to 9000 psi for 5 mins, bled off control line and recorded bleed back fluid volume 160 ml - good test (charted).  Function tested TRSV with 4000 psi and recorded 5 cycles bleed back volume. 1. For LS-11 (TRSV): 140 ml, 140 ml, 140 ml, 140 ml, 140 ml. TRSV opening pressure at 1250 psi, closing pressure 600 psi - good test (charted). 2. For SS-06 (TRSV): 140 ml, 140 ml, 140 ml, 140 ml, 150 ml. TRSV opening pressure at 1250 psi, closing pressure 700 psi - good test (charted).  Pressured up and locked 4000 psi in TRSV control lines prior to RIH. Tubing pressure (inner) on PDG was 1156 psi, Temp 72 °C.	
5:15 - 7:45	2.50	COM	RCT	OPRN		OPRN	4900.00	Continued making up 3-1/2" 9.2 ppf L80 JFE Bear dual-completion tubing and RIH to 4549 ft-MD (LS) and 3984 ft-MD (SS). Average running speed of 12-14 joints/hour. Monitored well on trip tank - loss rate 1.0 bbls/hr.	
Notes:									



## MALAYSIA

## Daily Operation Report

Well: BY-414

Wellbore No.: OH

Report no.: 22

Report date: 6/30/2020

## OPERATION SUMMARY

From - To	Hrs	Phase Code	Activity Code	Productive / Non-Productive Code	NPT	Rig Status	MD from (ft)	Operation
7:45 - 8:00	0.25	COM	RCT	OPRN		OPRN	4900.00	1. Drifted 3-1/2" tubing with 2.867" teflon drift. 2. M/U connection to 3,870 ft-lbs optimum torque with power tongs. 3. Total of 170 joints ran with no rejected joint with an average running speed of 12-14 joints/hour.
8:00 - 8:15	0.25	COM	RCT	OPRN		OPRN	4900.00	Held PJSM. Rigged down Destini Oil 3-1/2" dual-elevator.
8:15 - 9:30	1.25	COM	RCT	OPRN		OPRN	4900.00	Picked up and made up Halliburton Wireline Pack-Off Assy c/w pump-in tee, TIW and crossover. Lined up to Baker cement unit. Pressure tested Halliburton Wireline Pack-Off Assy to 300/3000 psi for 5/5 minutes - good test.
9:30 - 11:00	1.50	COM	RCT	OPRN		OPRN	4900.00	Halliburton Wireline rigged up upper and lower sheaves. Fed wireline cable through Pack-Off Assy and made up Halliburton Wireline GR-CCL toolstring and function tested toolstring at surface - good test. Zero tool depth. Made up Halliburton Wireline Pack-Off Assy on top of LS.
11:00 - 12:00	1.00	COM	RCT	OPRN		OPRN	4900.00	RIH Halliburton Wireline GR-CCL inside 3-1/2" Long-String (LS) completion tubing to 4530 ft- WLM.
12:00 - 13:00	1.00	COM	RCT	OPRN		OPRN	4900.00	Repeated 3 passes on the pip tag joint. Confirmed pip tag depth at 4511.3 ft-WLM (2.51 ft shallower than the tally). Pip tag at 9-5/8" casing at 4029 ft-WLM.
13:00 - 13:15	0.25	COM	RCT	OPRN		OPRN	4900.00	POOH Halliburton Wireline GR-CCL from 4500 ft-WLM to surface without any restriction.
13:15 - 13:45	0.50	COM	RCT	OPRN		OPRN	4900.00	Laid down Halliburton Wireline GR-CCL toolstring.
13:45 - 15:30	1.75	COM	RCT	OPRN		OPRN	4900.00	Rigged down Halliburton Wireline Pack-Off Assy, TIW, upper and lower sheaves.
15:30 - 16:15	0.75	COM	RCT	OPRN		OPRN	4900.00	Performed space out of the dual completion tubing on both LS and SS. POOH with 3-1/2" 9.2 ppf L80 JFE Bear dual-completion tubing and laid down 2 full joints and 2 pup joints for LS and 2 full joints and 2 pup joints for SS.
16:15 - 17:00	0.75	COM	RCT	OPRN		OPRN	4900.00	Picked up and made up Solar Alert 3-1/2" dual-tubing hanger to THRT. Made up to 3-1/2" dual-completion tubing string and RIH to 4470 ft-MD (LS) and 3902 ft-MD (SS). Suspended on the rotary table.
17:00 - 17:30	0.50	COM	RCT	OPRN		OPRN	4900.00	Changed out completion bails to drilling bails for picking up THRT from derrick. Changed out 2 x normal THRT with 1 x THRT c/w Lock-Ring Control Adapter (previously racked back in derrick) and 1 x normal THRT. Made up THRTs onto Solar Alert 3-1/2" dual-tubing hanger.
17:30 - 20:30	3.00	COM	RCT	OPRN		OPRN	4900.00	Solar Alert installed 5 blank fittings on 3-1/2" dual-tubing hanger assy and pressure tested to 5000 psi for 10 mins - good test (charted).
20:30 - 21:15	0.75	COM	RCT	OPRN		OPRN	4900.00	Schlumberger Completion cut TRSV and PDG control line cable, stripped out the yellow-encapsulation layer (1 x PDG and 2 x TRSV) and fed through 3-1/2" dual-tubing hanger. Installed control line fittings for PDG and TRSV.
21:15 - 22:00	0.75	COM	RCT	OPRN		OPRN	4900.00	Solar Alert pressure tested control line fittings on 3-1/2" dual-tubing hanger assy for each SS (TRSV & PDG) and LS (TRSV) to 5000 psi for 10 mins - good test (charted).
								Schlumberger Completion reconnected PDG and TRSV control lines.
								Schlumberger Completion pressure tested SS TRSV control line integrity to 9000 psi for 15 mins - good test (charted). Function tested (5-cycle) TRSV and recorded bleed back fluid volume 140 ml. TRSV opening pressure at 1200 psi, closing pressure 800 psi.
								Schlumberger Completion pressure tested LS TRSV control line integrity to 9000 psi for 15 mins - good test (charted). Function tested (5-cycle)TRSV and recorded bleed back fluid volume 180 ml. TRSV opening pressure at 1200 psi, closing pressure 800 psi.
								Took PDG reading prior to RIH to land the 3-1/2" dual- tubing hanger. Tubing pressure (inner) on PDG was 1220 psi, Temp 77 °C.
								Pressured up and locked 7000 psi in TRSV control lines prior to RIH to



## MALAYSIA

## Daily Operation Report

Well: BY-414

Wellbore No.: OH

Report no.: 22

Report date: 6/30/2020

## OPERATION SUMMARY

From - To	Hrs	Phase Code	Activity Code	Productive / Non-Productive Code	NPT	Rig Status	MD from (ft)	Operation
22:00 - 22:45	0.75	COM	RCT	OPRN		OPRN	4900.00	land the 3-1/2" dual- tubing hanger. Drained BOP (pumped out base oil from BOP and riser stack to trip tanks with Wilden pump). Recorded P/U Wt:148 klbs and S/Off Wt:132 klbs. M/U 3-1/2" landing joints (SS and LS). RIH 3-1/2" dual-completion tubing with control lines attached, and landed 3-1/2" dual-tubing hanger at 87.43 ft-MD with LS total depth at 4554 ft-MD and SS total depth at 3987.84 ft-MD.  Notes: 1. Schlumberger 9-5/8" x 3-1/2" BluePack RH Single-Packer depth at 4523.75 ft-MD (LS). 2. Schlumberger 9-5/8" x 3-1/2" OSD-1 Dual-Packer depth at 3958.81 ft-MD (LS & SS).
22:45 - 23:15	0.50	COM	RCT	OPRN		OPRN	4900.00	Solar Alert pressure tested 3-1/2" dual-tubing hanger seals to 5000 psi for 15 min - good test. Energized Lock Ring with 2 rotation clockwise. Performed pull test 10 klbs (158 klbs P/U Wt ) - good test.
23:15 - 23:45	0.50	COM	RCT	OPRN		OPRN	4900.00	Rigged down Destini Oil 3-1/2" dual-elevator & dual-slips. Installed 3-1/2" single elevator for handling Geowell slickline BOP and lubricator (PCE).
23:45 - 0:00	0.25	COM	RCT	OPRN		OPRN	4900.00	Held PJSM. Commenced rigging up Geowell slickline equipment.  ***** VDL Daily Report *****  Total recorded VDL = 7115 kips Max allowable VDL = 7600 kips Available load margin = 485 kips  July 1, 2020  00:00 - 01:45 Continued rigging up Geowell slickline PCE comprises of X/O, TIW, pump-in tee and test cap onto SS. Continued rigging up X/O, TIW, pump-in tee, slickline BOP and lubricator c/w PXN plug body tool string onto LS. Connected surface lines and lined up to Baker cement unit with Lo-Toq to pump-in tee in LS (with BOP and lubricator).  01:45 - 02:30 Pressure tested surface line in LS against closed Lo-Toq valve to 300/5000psi for 5/10 mins - good test. Opened Lo-Toq valve. Pressure tested surface line in LS against closed TIW valve, Geowell dual-ram BOP and lubricator sections with stuffing box to 500/1500psi for 5/10 mins - good test. Bled all pressure to zero psi. Rigged down surface line in LS.  02:30 - 03:30 Connected surface lines and lined up to Baker cement unit with Lo-torq to pump-in tee in SS. Pressure tested surface line in SS against closed Lo-Toq valve to 300/5000psi for 5/10 mins - good test.  Opened Lo-Toq valve. Pressure tested surface line in SS against closed TIW valve to 300/5000psi for 5/10 mins - good test. Bled all pressure to zero psi.  03:30 - 04:30 Opened TIW in SS. Schlumberger pressured up control line and maintained at 7000 psi to lock-open TRSV in SS.  Cement unit pressure tested SS to 500 psi for 15 mins against TCO plug - good test.



MALAYSIA

Daily Operation Report

Well: BY-414	Wellbore No.: OH	Report no.: 22	Report date: 6/30/2020
--------------	------------------	----------------	------------------------

OPERATION SUMMARY

From - To	Hrs	Phase Code	Activity Code	Productive / Non-Productive Code	NPT	Rig Status	MD from (ft)	Operation
								<p>Bled off control line pressure to close TRSV, bled off pressure above TRSV to 100 psi to inflow test TRSV plug for 15 mins - good test.</p> <p>Cement unit pressured up back SS to 500 psi to equalize. Schlumberger pressured up control line and maintained at 7000 psi to lock-open TRSV in SS. Bled SS pressure to zero psi.</p> <p>Note: Volume to open flapper: 140ml. Volume close flapper: 140ml.</p> <p>04:30 - 06:00 RIH 2.750" PXN plug body and set plug at XN-Nipple in LS at 4549 ft-MD. POOH toolstring to surface - in progress at report time.</p>



## MALAYSIA

## Daily Operation Report

Well: BY-414				Wellbore No.: OH		Report no.: 22		Report date: 6/30/2020		
WEATHER		SAFETY CARDS			PERSONNEL					
Time : 00:00			Daily	Cumulative	Total No. of People: 119		No. of Beds : 120			
Weather : PARTLY CLOUDY		UNSAFE ACT	63	109	Company		# People	Company		
Daily High/Low Temp (°F) : 75.00		UNSAFE ACT	7	109	HALLIBURTON CEMENTING		1	HALLIBURTON TCP		
10M wind spd. (knots) : 23.0		UNSAFE COND	14	82	BAKER LINER HANGER		1	ISOS		
10M wind dir. (°) : 150.00		Total Cards	84	300	PETRONAS SOR		1	WELLTEC TRACTOR		
Ceiling(ft) :					HALLIBURTON DST		2	PETROCLAMP		2
Visibility(mi) : 7.00					SOLAR ALERT		2	HALLIBURTON COMPLETION		2
Swell Height (ft) : 0.65					BAKER CEMENTING		2	HALLIBURTON BAROID		2
Swell Direct (°) : 270.00					SCHLUMBERGER PDG		2	HALLIBURTON FILTRATION		2
Speed (knots) : 0.80					SCHLUMBERGER COMPLETION		2	NOV		2
Dir (°) : 263.00					GEOWELL SLICKLINE		3	BAKER HUGHES DD/MWD		3
Heave (ft) :					EXLOG		4	PETRONAS DRILLING		5
Pitch (°) :					DESTINI TRS		6	HALLIBURTON E-LINE		6
Roll (°) :					PVDO		8	BAYAM		12
Wave Height (ft) : 0.65		PVD DD		12	BAYONG		34			
Wave Direct (°) : 275.00										
Wave Period (sec) : 4.00										
ANCHOR TENSION										
Tension (kip)										
Direction (°)										
SAFETY										
Days Since Last NLTA (days) : 139		Drill type : H2s Drill		Last weekly rig check : 6/30/2020		Last BOP pressure test : 6/25/2020				
Days Since LTA (days) : 139		Last drill : 9.00 (days)		Daily inspection done : 6/30/2020		Next test due :				
STOP Cards : 84		Last Fire Drill : 6/22/2020		Last safety inspection : 6/30/2020		Last safety meeting : 6/28/2020				
Incident / Accident :		Next Fire Drill : 7/1/2020		Last BOP function test :		Last BOP drill :				
SURVEYS										
MD (ft)	Inc. (°)	Azi. (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. sec. (ft)	Dleg (°/100ft)	Survey tool		

