



DAILY DRILLING REPORT

PTTEP

BK-23-K_R

Field Name G2 / 61	Branch Name	Start Depth (m)	Company's Representatives		Casing		DATE:	25-Nov-2022
	Redrill	106.83	Company Man		OD (in)	Depth (mMD/mTVD)	RPT #:	2
			Thosapon Ariyaarunotai					
Rig			Adiruj Udomsak		Next : 9.625 in @ 308.00 m		Midnight Depth (mMD/mTVD)	
T-18			Recovery				106.83	106.83

Penetration									Bit				Parameters					
Bit Run	Start (m)	End (m)	Interval (m)	Time (hr)	ROP (m/hr)	Cum Depth (m)	Cum Time (hr)	Tot ROP (m/hr)	Bit and Core Head Inventory		Bit Dull	Nozzle (32nd")	TFA (in?)	WOB (kip)	RPM (rpm)	Flow (L/min)	SPP (psi)	On Btm (ft-lbf)

Drillstring Assembly																		
BHA Run	BHA																	

Time Log						Survey Data				Mud			
Start Time	End Time	Comment	Code	Dur (hr)	MD (m)	Incl (?)	Azm (?)	Method	Mud Type:				
0:00	0:30	Unable to retrieve 7" pack-off due to 30 klbs overpull. Release pack-off retrieving tool and check condition, ok. Note: - Observe metal debris come out with retrieving tool.	PULL CSG	0.50					Sea water				
0:30	1:00	Jet wellhead with jetting tool (340 lpm, 460 psi).	PULL CSG	0.50					Mud Weight (sg) 1.03	ECD (sg)	Mud T (?C)		
1:00	1:15	Make up 7" pack-off retrieving tool. Engage and retrieve 7" pack-off.	PULL CSG	0.25					Initial (m?) 82.00	Added (m?) 0.00	Final (m?) 0.00		
1:15	3:30	M/U Gary tool. P/U landing string and M/U TDS. M/U 7" casing hanger retrieving tool. Engage 7" casing hanger and pull string with maximum pulling weight 250 klbs on weight indicator and 1000 psi in 7" casing. Observe pressure drops as string starts to free.	PULL CSG	2.25					Form. Gain (m?) 0.00	Form. Los. (m?) 0.00	Surf. Los. (m?) 0.00		
3:30	6:00	Hold PJSM for Mercury handling. Pull out of hole 7" casing and lay down in single. Note: - Check Mercury at casing hanger and first 3 joints of casing, reading 0.001 mg/m3 - String weight include block weight after free = +/- 85 klbs - Total recovery: 1 casing hanger, 1 pup joint 3 m (below hanger), 15 joints of full 7" casing, and 1 cut joint (+/- 11.0 m).	PULL CSG	2.50					YP (lbf/100ft²) pH	YS (lbf/100ft²) Pm (cc)	PV (cp) Pf (mL/mL)	Marsh (s/qt) Mf (mL/mL)	
6:00	7:00	M/U and RIH 9-5/8" scraper BHA to 221 m. Note: - Tag HUD at 59 m and 107 m. Wash down to pass (2000 lpm, 380 psi), ok.	CLEANOUT	1.00					Ca++ (mg/L) KCl (mg/L)	Mg++ (mg/L) Sand (%)	K+ (mg/L) Solids (%)	NaCl (mg/L) CEC (me/hg)	
7:00	7:15	Scrape 9-5/8" casing at cement retainer setting interval from 221-210 m with 3000 lpm, 800 psi.	CLEANOUT	0.25					Filt. (ml/30 ml) FC (32nd")	HPHT Filt. (ml/30 ml) HPHT Filt. (ml/30 ml)	HPHT FC (32nd")		
7:15	7:45	POOH and rack back 9-5/8" scraper BHA.	CLEANOUT	0.50					Water (%) LGS (%)	Oil (%) HGS (%)	OW Lime (mg/L)	ES (Volts) Cl- (mg/L)	
7:45	8:30	M/U 9-5/8" bridge plug. RIH 9-5/8" bridge plug BHA to 216 m.	SET BP	0.75					Mud Products				
8:30	9:15	Set 9-5/8" bridge plug. Sting out and pressure test bridge plug to 300/1000 psi for 5/10 mins, ok.	SET BP	0.75									
9:15	10:00	Spot cement on top of bridge plug from 140-216 m with 18.3 bbl of 1.90 SG cement slurry. Note: - Use 9-5/8" casing ID = 8.681" without cement excess from cement volume calculation.	CH CMTPLG	0.75									
10:00	10:30	R/D pumping assembly. Pull out 9-5/8" bridge plug setting tool to 140 m, perform reverse circulation with 900 lpm, 220 psi until no excess cement on surface.	CH CMTPLG	0.50					== Tubular on derrick == 8 stds of 5" HWDP 40 stds of 5" DP 18 stds of 4" DP 4 stds of 4" HWDP				
10:30	10:45	Drop foam ball. M/U TDS. Line up to pump down string to clear DP with seawater .	CH CMTPLG	0.25									
10:45	11:00	POOH 9-5/8" bridge plug setting tool from 140 m to surface and rack back.	SET BP	0.25									
11:00	11:30	Hold PJSM. P/U and M/U 9-5/8" MSC cutter. RIH 9-5/8" MSC cutter to 137 m.	CUT CSG	0.50									

Operation Summary		Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock						
Retrieve 7" pack-off. POOH cut 7" casing to surface. Scrape 9-5/8" casing at 221-210 m. Set 9-5/8" bridge plug at 216 m. Spot cement above bridge plug. Cut 9-5/8" casing at 137 m. N/ D BOP and risers. Engage wellhead. Work 9-5/8" casing free and POOH cut 9-5/8" casing to surface. Perform cement kick off plug at mudline . N/U bell nipple onto BOP. Rig release.		Company	Qty					Supply Item		Unit	Receive	Used	Stock	
		PTTEP	5	Supply Boats			Standby Boat		DIESEL	m3		13.0	394.0	
		SAPURA DRILLING	56	Vessel Name		Date arrival	Depart	Vessel Name		WATER, DRILLING	m3	20.0	48.0	1,657.0
		JST under SDA	16	Bahtera Mulia		25-Nov-2022	25-Nov-2022	TC Dragon		WATER, POTABLE	m3	45.0	33.0	512.0
Well Status at 6:00 am		ISOS	1			14:50	15:18			CEMENT	MT	6.0	296.0	
*** Rig temporarily release from BK-23-K_R to BK-23-D_R at 19:30 hrs on 25-Nov-2022 ***		Catering	17	TC Dragon		25-Nov-2022				BARITE BULK	MT		420.0	
Planned Operation		Weatherford DD	2			17:20		Variable Load		BASE FLUID	m3		665.0	
*** Rig temporarily release from BK-23-K_R to BK-23-D_R at 19:30 hrs on 25-Nov-2022 ***		Weatherford MWD	2					Max Variable Load (kip)						
		Weatherford TRS	4											
		Halliburton	5	Weather Conditions										
			6	Wave Height (m)		Wave Period (sec)		Wave Direction (?)		Wind Speed (knots)				
527.00 days without Lost Time Accident (LTA) PTTEP		BAKER HUGHES (VG) (2	0.80		4		160		12				
547.00 days without Lost Time Accident (LTA) Rig		BAKER HUGHES (MUD	2	Wind Direction (?)		P Bar (mbar)		Current Speed (knots)		Current Direction (?)				
		BAKER HUGHES (FISH	2	160.00		1,010.0								

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G2 / 61	Redrill	106.83	Company Man	OD (in)	Depth (mMD/mTVD)	RPT #:	2	
			Thosapon Ariyaarunotai					
Rig	Phase		Adiruj Udomsak	Next : 9.625 in @ 308.00 m		Midnight Depth (mMD/mTVD)		
T-18	Recovery					106.83	106.83	

Penetration									Bit				Parameters					
Bit Run	Start (m)	End (m)	Interval (m)	Time (hr)	ROP (m/hr)	Cum Depth (m)	Cum Time (hr)	Tot ROP (m/hr)	Bit and Core Head Inventory		Bit Dull	Nozzle (32nd")	TFA (in?)	WOB (kip)	RPM (rpm)	Flow (L/min)	SPP (psi)	On Btm (ft-lbf)

Drillstring Assembly																		
BHA Run	BHA																	

Time Log				
Start Time	End Time	Comment	Code	Dur (hr)
11:30	12:00	Record parameters. Cut 9-5/8" casing with MSC Cutter at 137 m (1100 lpm, 80 rpm). Note: - Good cut indication observed on pumping pressure after cut (Reduce from 1100 psi to 200 psi) and torque reduce from 7-8 kft-lbs to free rotating torque (1-2 kft-lbs).	CUT CSG	0.50
12:00	12:15	POOH 9-5/8" MSC cutter to surface and rack back.	CUT CSG	0.25
12:15	13:15	Hold PJSM. N/D BOP and bell nipple. N/D Risers.	BOP	1.00
13:15	13:30	M/U and VG wellhead R/R tool and landing string. M/U wellhead handling tool. Connect TDS. Engage wellhead.	PULL CSG	0.25
13:30	14:15	Work string free with pump while reciprocating string (70-270 klbs on weight indicator, 2700 lpm). P/U wt after free = 81 klbs. Continue to pull wellhead to rotary table.	PULL CSG	0.75
14:15	14:45	Disconnect and rack back R/R tool. M/U wellhead handling tool. Lay down wellhead.	PULL CSG	0.50
14:45	16:00	Continue POOH 9-5/8" casing to surface. Note: - Check Mercury at wellhead and first 3 joints of 9-5/8" casing, reading 0.000- 0.001 mg/m3. - Total recovery: 1 wellhead, 1 coated pup joint 3 m (below wellhead), 1 coated pup joint 3 m, 3 joints of full coated 9-5/8" casing, 5 joints of full normal 9-5/8" casing, and 1 cut joint (+/- 8.7 m).	PULL CSG	1.25
16:00	16:45	Hold PJSM. Run in 4 stands of open end 5" HWDP, make up crossover and continue run in with 4" DP stand to 119 m (Mud line at 106.83 m).	OH CMTPLG	0.75
16:45	17:00	M/U pumping assembly. Wash down open end 5" HWDP from 119 m to 137 m with 750-1500 lpm. Circulate for 5 mins at 137 m with 2700 lpm, 280 psi.	OH CMTPLG	0.25
17:00	17:30	Line up to cement unit. Perform cement kick off plug from 137 m to mud line (106.83 m), 43.3 bbl of 1.90 SG cement slurry (4 bpm, 450 psi), 6 bbl displacement with SW (1 bbl underdisplace). Note: - Hole size 12.25" plus 200% excess.	OH CMTPLG	0.50
17:30	18:15	R/D pumping assembly. Pull out open end 5" HWDP to 80 m, drop foam ball and flush excess cement inside the string. Continue pull out and handle open end 5" HWDP to surface.	OH CMTPLG	0.75

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		BAKER HUGHES (CEM	5	Supply Boats			Standby Boat						
		Deep Sea Service	1	Vessel Name		Date arrival	Depart	Vessel Name					
		EMAS	6										
		EUTEX	1										
		Scomi Oil Tools	6										
		SPM	2					Variable Load					
		Max Variable Load (kip)											
						Weather Conditions							
				Wave Height (m)		Wave Period (sec)		Wave Direction (?)		Wind Speed (knots)			
				Wind Direction (?)		P Bar (mbar)		Current Speed (knots)		Current Direction (?)			



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Drillstring Assembly																		
BHA Run	BHA																	

Time Log				
Start Time	End Time	Comment	Code	Dur (hr)
18:15	19:30	Hold PJSM. N/U bell nipple onto BOP. *** Rig temporarily release from BK-23-K_R to BK-23-D_R at 19:30 hrs on 25-Nov-2022 *** *** Total days on well/ AFE = 1.08/ 7.52 days ***	BOP	1.25
				Cum Dur 19.50

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		Supply Boats					Standby Boat						
		Vessel Name		Date arrival	Depart	Vessel Name							
								Variable Load					
Well Status at 6:00 am *** Rig temporarily release from BK-23-K_R to BK-23-D_R at 19:30 hrs on 25-Nov-2022 ***								Max Variable Load (kip)					
Planned Operation *** Rig temporarily release from BK-23-K_R to BK-23-D_R at 19:30 hrs on 25-Nov-2022 ***													