



DAILY DRILLING REPORT  
CPOC  
MTA-04 (A)

Field Name	Branch Name	Start Depth (m)	Company's Representatives	Casing		DATE:	24-Jun-2020
Melati	Original Hole	103.74	Company Man	OD (in)	Depth (mMD/mTVD)	RPT #:	4
			Prantwatdhna Saensooksiricharoen	13.375	357.0		
Rig	Phase		Kasidet T. / Varat R.	Next : 7.000 in @ 2,184.00 m		Midnight Depth (mMD/mTVD)	
DEEP DRILLER 4	14-3/4" x 13-3/8"					362.00	353.70

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 (in²)	WOB (kip)	RPM (rpm)	Flow (L/min)	SPP (psi)	On Btm (ft-lbf)
1 RR	280.00	362.00	82.00	0.75	109.3	258.26	3.00	86.1	14.750 in, PTTEP, GTX-1, 6068881		1-1-WT-A-X-I-ER-TD	3x20	0.920	15/25	80/80	4,200	2,000.0	1,000/3,000

Drillstring Assembly																		
BHA Run	BHA																	
1	14-3/4" Digger Bit, 9-1/2" Drive Sub, 9 5/8" SperryDrill Lobe 6/7 - 5.0 stg -1.50 Bend, 12-1/4" Integral Blade Stabilizer, 8" NM HOC, X/O, 6-3/4" Screen Sub, 6-3/4" Float Sub (Solid Plunger with Totco), 3 x 6-1/2" DC, X/O, 15 x 5" HWDP (Total length: 194.5 m)																	

Time Log						Survey Data				Mud						
Start Time	End Time	Comment				Code	Dur (hr)	MD (m)	Incl (°)	Azm (°)	Method	Mud Type:				
0:00	0:45	Continue drilling 14-3/4" hole from 280 m to section TD at 362 mMD/ 353.7 mTVD with SW. Slide: WOB 15-25 klbs, 4200 lpm, 2000 psi. Rotate: WOB 15-25 klbs, 4200 lpm, 2000 psi, 80 rpm, 1-3 kft-lbs. Slide total: 78 m/ 0.23 hrs. ROP: 334.3 m/hr. Rotate total: 4 m/ 0.02 hrs. ROP: 240.0 m/hr. Well trajectory at TD: 3.8 m C-C, 2.7 m above and 2.7 m left of plan.				DRILL	0.75	309.26	21.26	341.12	Gyro	WBM				
								333.67	23.97	330.59	Gyro	Mud Weight (sg)	ECD (sg)	Mud T (°C)		
								362.00	28.00	325.00	TD Projection	1.15		30		
												Initial (m³)	Added (m³)	Final (m³)		
												419.70	167.70	0.00		
												Form. Gain (m³)	Form. Los. (m³)	Surf. Los. (m³)		
														155.40		
0:45	1:00	Drop gyro survey tool. Pump 75 bbls of Hi-vis and while taking TD survey (1150-4000 lpm, 300-2300 psi).				SURV	0.25					YP (lb/100ft²)	YS (lb/100ft²)	PV (cp)	Marsh (s/l)	
												15	9.00	16	48	
1:00	1:15	Displace hole with 1.15 SG PAD WBM and circulate hole clean (4000 lpm, 2000 psi, 80 rpm, 2 kft-lbs).				CIRC	0.25					pH	Pm (cc)	Pf (mL/mL)	Mf (mL/mL)	
												0.050	0.050	0.10		
1:15	2:45	Back ream out of hole 14-3/4" BHA with 1.15 SG PAD WBM from 362 m to 194 m (3600-4000 lpm, 1600-1800 psi, 40-80 rpm, 1-3 kft-lbs).				PULL BHA	1.50	Summary/Remarks				Ca++ (mg/L)	Mg++ (mg/L)	K+ (mg/L)	NaCl (mg/L)	
								Actual / AFE Days = 1.82 / 12.30 days (-10.48 days) Daily / Total NPT = 0.19 / 0.42 days (0.42 days w/o WOW) Total POB = 115				1,200				
2:45	3:45	Pump out of hole to 108 m (600 lpm, 100 psi). Pump SW to clear seabed with 4000 lpm, 2000 psi for 3 mins.				PULL BHA	1.00	DMAP Verification: No issues, all risk reduction verified. No Incident/ Accident reported. PTW 5, HMO 5 Total smart cards 120, safe 37, unsafe 83 POB at SKL Quarantine Camp = 17 - No reported case POB at KBR Quarantine Camp = 24 - No reported case Tubular on derrick: 80 stds of 5" DP, 5 stds of 5" HWDP, 1 std of 8-1/4" DC, 1 std of 6-1/2" DC. SIMOPs: - Well MTA-05,09 are producing. Offline Operations: - Rig up HLB Wireline Unit 40%: - Offload wireline unit and equipment from boat. Spot wireline unit in place. Prepare for welding.				KCl (mg/L)	Sand (%)	Solids (%)	CEC (me/hg)	
													4.4			
3:45	4:45	Pull out of hole 14-3/4" BHA to surface. Retrieve Gyro. Rack back BHA.				R/B BHA	1.00					Filt. (ml/30 ml)	FC (mm)	HPHT Filt. (ml/30 ml)	HPHT FC (m)	
												1.0				
4:45	6:00	Change bails from 9' to 15'. Meanwhile rig up casing hadling equipment.				R/U CSG	1.25					Water (%)	Oil (%)	OW	ES (Volts)	
												94.5		/100		
6:00	6:15	Hold PJSM, Pick up 13-3/8" casing with shoe joint. Check float, ok.				CHEKFLOAT	0.25					LGS (%)	HGS (%)	Lime (mg/L)	Cl- (mg/L)	
												0.7	3.7		19,500	
6:15	10:30	Run in hole 13-3/8" 68 ppf N80 TMK R3 casing to 326 m. Note: - Observe resistance at 108 m - casing coupling hanging on wellhead support. Adjusted the wellhead support, ok. - Avg CSG run in speed 7 joint/hr.				RUNCSG OH	4.25					Mud Products				
												Mud Type		Unit	On Loc	Used
10:30	11:45	Change elevator. Pick up wellhead with landing string and make up to 13-3/8" casing string.				LANDCSG	1.25					ALDACIDE G		5 GAL PAIL	70.0	3.0
												BARACOR 100		55 KG SACK	7.0	1.0
11:45	15:00	While lowering down the wellhead to land, observe casing not fully made up (4-6 threads left) at connection between last coated joint and nipple joint below wellhead although good torque. Pump out of hole and inspect, found box connection damaged. Lay down and change over to another one. M/U with new wellhead from derrick, ok.				SEQP-CSG	3.25					BARASCAV D		25 KG SACK	46.0	1.0
												BARAZAN D		25 KG SACK	217.0	16.0
												BARITE		MT	127.0	28.0
												DEXTRID LTE		25 KG SACK	138.0	30.0
												EZ MUD DP		25 GAL PAIL	72.0	20.0
												PAC RE		25 KG SACK	105.0	20.0
												Soda Ash		25 KG SACK	32.0	1.0
												HiVis		BBL	0.0	-900.0

Operation Summary			Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock						
Continue drilling 14-3/4" hole from 280 m to section TD at 362 mMD/ 353.7 mTVD. Drop Gyro. Displace hole to WBM. B/R out to 194 m. Pump out of hole and pump clear sea bed. POOH & R/B BHA. R/U and RIH 13-3/8" casing and land at setting depth at 357.0 m. Perform cement job. Rig release.			Company	Qty	150,905.00	774,920.00	-12,501.86	12,063.24	Supply Item		Unit	Receive	Used	Stock	
			ABAN Drilling	8	Supply Boats		Standby Boat			Barite	MT		28.0	153.0	
			Bayong	11	Vessel Name		Date arrival	Depart	Vessel Name		Bentonite	MT			41.0
			CPOC	6	MP Prevail		18-Jun-2020		MP Prevail		Cement	MT		15.0	173.0
			Destini Oil	5			17:00		Bayu Martin		Diesel	M3		10.7	184.2
Well Status at 6:00 am			Diamond Classic	38	Bayu Martin		24-Jun-2020		Lewek Sapphire		Water Drill	M3	40.0	6.0	205.0
Planned Operation			Geoservices	6			20:00		Variable Load		Water Pot	M3	14.0	24.0	321.0
*** Rig temporarily release from MTA-04 at 17:00 hrs on 24-Jun-20 ***			HLB	18	Lewek Sapphire		24-Jun-2020		Max Variable Load (kip)		Base Oil	M3			109.4
			NOV	2			22:30		7,500						
			OVE	16	Weather Conditions										
Accidents			SDI	1	Wave Height (m)		Wave Period (sec)	Wave Direction (°)	Wind Speed (knots)						
1,530.00 days without Lost Time Accident (LTA) CPOC			Solar Alert	2	0.50		5	225	16						
913.00 days without Lost Time Accident (LTA) Rig			Wefic	2	Wind Direction (°)		P Bar (mbar)	Current Speed (knots)	Current Direction (°)						
					135.00		1,007.0	2.0	270.00						

Page 1 of 2



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			Prantwatdhna Saensooksiricharoen	13.375	357.0	349.2		
Rig	Phase		Kasidet T. / Varat R.	Next : 7.000 in @ 2,184.00 m			Midnight Depth (mMD/mTVD)	
DEEP DRILLER 4	14-3/4" x 13-3/8"						362.00	353.70

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 (in²)	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)
15:00	15:45	Orient wellhead. Run in hole 13-3/8" casing with wellhead and land at setting depth. Install landing plate and wellhead support. Release landing string. 13-3/8" casing shoe at 357.0 mMD/ 349.2 mTVD. Landing wt 13 klbs. (Total run: 24 jts of 13-3/8" 68# N80 TMK R3 casing + 3 x Coated jt + 1 F/S jt + 1 X/O)	LANDCSG	0.75
15:45	16:00	Hold PJSM. R/U circulating head and cement line.	SEQP-CMT	0.25
16:00	16:30	Pump 20 bbls of SW ahead by cement unit. Pressure test line to 1000 psi. Mix and pump 37.8 bbls of 1.68 SG Lead slurry and 34.7 bbls of 1.91 SG Tail slurry. Note: - Skidding to MTA-12 was stopped and suspended due to vibration of cement line (cement line up to platform hatch of MTA-04).	SEQP-CMT	0.50
16:30	17:00	Displace with 20 bbls of Hivis and 126 bbls of inhibited SW. Bleed off and check back flow, Float holding. CIP at 16:58 hrs. *** Rig temporarily release from MTA-04 at 17:00 hrs on 24-Jun-20 *** *** Total days on well actual/AFE = 1.82/12.3 days ***	SEQP-CMT	0.50
				Cum Dur 17.00

Operation Summary		Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock										
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		Accidents	Safety Drills															
		1,530.00 days without Lost Time Accident (LTA) CPOC	Pre-job safety meeting															
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		Supply Boats				Standby Boat												
		Vessel Name		Date arrival	Depart	Vessel Name												
				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 (°)										

Page 2 of 2