



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 #:	3
			Prantwatdhna Saensooksiricharoen					
Rig	Phase		Kasidet T. / Varat R.		Next : 13.375 in @ 357.00 m		Midnight Depth (mMD/mTVD)	
DEEP DRILLER 4	14-3/4" x 13-3/8"						280.00	278.00

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	103.74	280.00	176.26	2.25	78.3	176.26	2.25	78.3	14.750 in, PTTEP, GTX-1, 6068881		-----	3x20	0.920	8/25	80/80	3,600	2,000.0	1,000/2,000

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: WBM			
11:00	13:30	Hold PJSM. Prepare and skid rig from MTA-07 to MTA-04. Meanwhile change TDS bails and elevator.	SKID	2.50	103.74	0.00	0.00	Tie-In	Mud Weight (sg)	ECD (sg)	Mud T (°C)	
13:30	16:15	Hold PJSM. P/U and RIH 14-3/4" BHA with digger bit and scribe line to mudline at 103.74 m. Take survey at mud line (3600 lpm, 1300 psi). INC 0.28 deg. Note: - Observe difficulty when RIH BHA pass 3rd guide bucket at 63.4 m (difficult to mill guide bucket previously). Orient BHA 180 degree and run pass, ok.	P/U BHA	2.75	109.17	0.33	226.33	Gyro	1.15		30	
					137.48	0.79	4.57	Gyro				
					165.79	4.34	2.11	Gyro	Initial (m³)	Added (m³)	Final (m³)	
					194.44	6.71	356.38	Gyro	0.00	435.60	419.70	
					223.14	9.91	356.35	Gyro	Form. Gain (m³)	Form. Los. (m³)	Surf. Los. (m³)	
16:15	16:30	Spud in and drill 14-3/4" hole from 103.74 m to 108 mMD/ 108 mTVD with SW.	DRILL	0.25	251.91	13.11	352.83	Gyro			15.90	
16:30	22:00	Observe TDS malfunction, propeller of TDS blower motor broken. Rack back 1 stand of 5"DP. Troubleshoot, change out new blower motor and function test TDS, ok. Perform drop inspection.	SEQP-RIG	5.50	280.56	16.84	347.02	Gyro	YP (lbf/100ft²)	YS (lbf/100ft²)	PV (cp)	Marsh (s/l)
									15	9.00	16	47
					pH		Pm (cc)	Pf (mL/mL)	Mf (mL/mL)			
							0.050	0.050	0.10			
					Ca++ (mg/L)	Mg++ (mg/L)	K+ (mg/L)	NaCl (mg/L)				
					1,240							
					Summary/Remarks				KCl (mg/L)	Sand (%)	Solids (%)	CEC (me/hg)
					Actual / AFE Days = 1.11 / 12.30 days (-11.19 days)						4.4	
					Daily / Total NPT = 0.23 / 0.23 days (0.23 days w/o WOW)				Filt. (ml/30 mi)	FC (mm)	HPHT Filt. (ml/30 mi)	HPHT FC (n)
					Total POB = 115				1.0			
					DMAP Verification: No issues, all risk reduction verified.				Water (%)	Oil (%)	OW	ES (Volts)
					No Incident/ Accident reported.				94.5	/100		
					PTW 6, HMO 6				LGS (%)	HGS (%)	Lime (mg/L)	Cl- (mg/L)
					Total smart cards 115, safe 71, unsafe 44				0.8	3.7		19,000
					POB at SKL Quarantine Camp = 17 - No reported case				Mud Products			
					POB at KBR Quarantine Camp = 24 - No reported case				Mud Type		Unit	On Loc
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.				ALDACIDE G		5 GAL PAIL	73.0					
SIMOPs: - Well MTA-05,09 are producing.				BARACOR 100		55 KG SACK	8.0					
Offline Operations:				BARASCAV D		25 KG SACK	47.0					
- Perform cement job on MTA-07.				BARAZAN D		25 KG SACK	233.0					
- HAL WL rig up: 5% - Prepare plan for lifting and installation. Measure actual dimension. Waiting for equipment from 2nd spud boat.				BARITE		MT	155.0	15.0				
				DEXTRID LTE		25 KG SACK	144.0					
				PAC RE		25 KG SACK	115.0					
				HiVis		BBL	-900.0	900.0				
				PAD WBM		BBL	-1,340.0	1,340.0				
				Gel Mud		BBL	-500.0	500.0				

Operation Summary			Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock							
Skid rig from MTA-07 to MTA-04. P/U and RIH 14-3/4" BHA to mudline. Take mudline survey. Spud and drill 14-3/4" hole from 103.74 m to 108 m. Troubleshoot on TDS blower motor. Resume drilling 14-3/4" hole to 280 mMD/ 278 mTVD.			Company	Qty	115,837.00	622,410.00	24,565.10	24,565.10	Supply Item		Unit	Receive	Used	Stock		
			ABAN Drilling	8	Supply Boats		Standby Boat		Barite	MT		46.0	181.0			
			Bayong	11	Vessel Name		Date arrival	Depart	Vessel Name		Bentonite	MT		41.0		
			CPOC	6	MP Prevail		18-Jun-2020		MP Prevail		Cement	MT		13.0	188.0	
			Destini Oil	5			17:00				Diesel	M3		5.8	194.8	
Well Status at 6:00 am			Diamond Classic	38					Water Drill	M3			171.0			
Hold PJSM prior to RIH 13-3/8" casing.			Geoservices	6					Water Pot	M3	49.0	23.0	331.0			
Planned Operation									Base Oil	M3			109.4			
RIH 13-3/8" casing and land wellhead at 357 m. Top hole drilling on MTA-12.			HLB	18												
			NOV	2					7,500							
			OVE	16	Weather Conditions											
			SDI	1	Wave Height (m)		Wave Period (sec)		Wave Direction (°)		Wind Speed (knots)					
			Solar Alert	2	0.50		5		180		8					
1,529.00 days without Lost Time Accident (LTA) CPOC			Wefic	2	Wind Direction (°)		P Bar (mbar)		Current Speed (knots)		Current Direction (°)					
912.00 days without Lost Time Accident (LTA) Rig					135.00		1,009.0		1.0		270.00					

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DEEP DRILLER 4	14-3/4" x 13-3/8"			280.00278.00				

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)
22:00	0:00	Resume drilling 14-3/4" hole from 108 m to 280 mMD/ 278.0 mTVD with SW. KOP at 135 m. Slide: WOB 8-25 klbs, 3600-4200 lpm, 1600-2000 psi. Rotate: WOB 10-25 klbs, 3600-4200 lpm, 1600-2000 psi, 80 rpm, 1-2 kft-lbs. Slide total: 115 m/ 0.2 hrs. ROP: 575 m/hr. Rotate total: 61.26 m/ 0.2 hrs. ROP: 306.3 m/hr. 00:00 - 06:00 hrs Operations =====	DRILL	2.00
				Cum Dur
				13.00

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						Supply Boats			Standby Boat					
						Vessel Name	Date arrival	Depart	Vessel Name					
Well Status at 6:00 am														
Hold PJSM prior to RIH 13-3/8" casing.														
Planned Operation									Variable Load					
RIH 13-3/8" casing and land wellhead at 357 m. Top hole drilling on MTA-12.									Max Variable Load (kip)					
						Weather Conditions								
Accidents		Safety Drills				Wave Height (m)	Wave Period (sec)	Wave Direction (°)	Wind Speed (knots)					
1,529.00 days without Lost Time Accident (LTA) CPOC		Pre-job safety meeting												
912.00 days without Lost Time Accident (LTA) Rig		Pre-tour safety meeting				Wind Direction (°)	P Bar (mbar)	Current Speed (knots)	Current Direction (°)					