



# DAILY DRILLING REPORT

## PTTEP

### STWC-04

Field Name	Branch Name	Start Depth (m)	Company's Representatives		Casing		DATE:	01-Dec-2022
G1/61 SOUTH TRAT		101.07	Company Man		OD (in)	Depth (mMD/mTVD)	RPT #:	1
			Suphachai Tembaep		9.625	301.3	299.5	
Rig	Phase		Wimolmas Luewisawakul		Next : 7.000 in @		Midnight Depth (mMD/mTVD)	
T-15	12-1/4" x 9-5/8"						305.00	303.03

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")	IFA (in?)	WOB (kip)	RPM (rpm)	Flow (L/min)	SPP (psi)	On Btm (ft-lbf)	
1RR7	101.07	305.00	203.93	1.25	163.1	203.93	1.25	163.1	12.250 in, PTTEP, LC75, LC75	-----	3x21	1.015	2/22	80/120	3,400	1,450.0	2,500/4,000	

Drillstring Assembly																		
BHA Run	BHA																	
1	12-1/4" Digger Bit, PowerPak motor (1.5 deg bend, 12-1/8" Sleeve ) (w/ 11-1/4" Motor Top Stabilizer, X-over 6-5/8" REG x 4-1/2" IF, Pony Drill Collar, MWD tool TeleScope 675, 6 3/4" UBHO, NMDC, 17 x 5" HWDP (Total length: 195.5 m)																	

Time Log					Survey Data				Mud							
Start Time	End Time	Comment	Code	Dur (hr)	MD (m)	Incl (?)	Azm (?)	Method	Mud Type:							
0:00	0:30	Hold PJSM. Skid rig from STWC-22 to STWC-04.	SKID	0.50	0.0000	0.0000	0.0000		XANTHAN GUM PAD mud							
0:30	1:00	Pick up 12-1/4" BHA with digger bit. Run in hole and scribe line to tag mud line at 101.07 m. Take survey at mud line (INC 0.09 deg).	P/U BHA	0.50	101.0700	0.0000	100.0000	Mudline	Mud Weight (sg)	ECD (sg)	Mud T (°C)					
					106.3800	0.9500	180.5000	Gyro	1.20		38					
1:00	2:00	Drill 12-1/4" hole (Motor/ MWD) from 101.07 mMD to section TD at 305 mMD/ 303.03 mTVD with SW/1.20 SG WBM.	DRILL	1.00	134.6300	0.6100	135.6500	Gyro	Initial (m?)	Added (m?)	Final (m?)					
		Rotate: WOB 5-15 klbs, 3000-3400 lpm, 950-1450 psi, 80-120 rpm, 2.0/4.0 kft-lbs (off/ on).			162.8600	1.1700	183.9000	Gyro	0.00	323.00	0.00					
		Slide: WOB 5-20 klbs, 2400-3000 lpm, 850-1250 psi.			192.2700	1.1600	216.4500	Gyro	Form. Gain (m?)	Form. Los. (m?)	Surf. Los. (m?)					
		Rotate: 79.43 m/ 0.06 hrs, Avg ROP = 1324 mph.			221.7100	0.3800	115.7600	Gyro								
		Slide: 124.5 m/ 0.18 hrs, Avg ROP = 692 mph.			251.0000	7.9900	98.8300	Gyro	YP (lb/100ft³)	YS (lb/100ft³)	PV (cp)	Marsh (s/qt)				
		P/U 110 klbs, S/O 105 klbs, R/O 108 klbs.			272.3200	14.0900	90.5200	Gyro	33	14.00	12	64				
					305.0000	20.0000	90.0000	Project to bit	pH	Pm (cc)	Pf (mL/mL)	Mf (mL/mL)				
									9.0	0.000	0.000	0.00				
									Ca++ (mg/L)	Mg++ (mg/L)	K+ (mg/L)	NaCl (mg/L)				
		Note:			<b>Summary/Remarks</b> Actual / AFE Days = 0.23 / 5.79 days (-5.56 days) Daily / Total NPT = 0.00 / 0.00 days (0.00 days w/o WOW) Total POB = 130 No incident/ accident reported. DMAP Verification = No Issues all risk reduction verified. SOC: 117 (Positive: 53 and Hazards: 64)  Tubular on derrick - 59 stands of 5" DP. - 7 stands of 5" HWDP.								KCl (mg/L)	Sand (%)	Solids (%)	CEC (me/hg)
		- Drill with 1.1 SG split stream from 196 mMD to TD.											Filt. (ml/30 m)	FC (32nd")	HPHT Filt. (ml/2	HPHT FC (3
		- On the last stand pump 100 bbls of 1.2 SG Hi-vis sweep and Displace hole with 1.20 SG WBM prior to TD.											Water (%)	Oil (%)	OW	ES (Volts)
		- Well trajectory at TD: 305 mMD 0.94 m below and 0.51 m left of the plan.													/	
2:00	2:15	Drop gyro and chase 200 strokes with 1.20 SG WBM.	SURV	0.25					LGS (%)	HGS (%)	Lime (mg/L)	Cl- (mg/L)				
2:15	2:45	Back ream out of hole 12-1/4" BHA with 1.20 SG WBM to mudline.	PULL BHA	0.50					2.5		0.0	21,000				
2:45	3:30	Pull out of hole from mud line to surface. Retrieve gyro tool. Rack back 12-1/4" BHA. Download gyro data offline.	R/B BHA	0.75					<b>Mud Products</b>							
									Mud Type		Unit	On Loc	Used			
3:30	3:45	Rig up 9-5/8" casing handling equipment.	R/U CSG	0.25					BARITE, MT BULK		MT	179.0	25.0			
3:45	4:00	Hold PJSM. Pick up 9-5/8" casing shoe joint and check float equipment, ok.	CHEKFLOAT	0.25					BIOCIDE X102, 5 GAL		5 gal	68.0	1.0			
4:00	5:00	Run in hole 9-5/8" casing to 277 m.	RUNCSG OH	1.00					BRINE PAC XTS, 5 G		5 gal	24.0				
									CALCIUM CHLORIDE		25 kg bag	29.0				
									CARBO-MUL HT, 55 G		55 gal	37.0				
									CARBO-GEL, 25 KG B		25 kg bag	8.0				
									DFE-4023, 20 KG BAG		20 kg	31.0				
									DFE-938, 25 LB BAG		25 lb bag	15.0				
									KCl, 25 KG BAG		25 kg bag	60.0				
									KWIKSEAL FINE, 25		25 kg bag	32.0				

Operation Summary		Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock					
P/U 12-1/4" BHA. RIH and scribe line to ML. Take survey. Drilling 12-1/4" hole to section TD at 305 mMD/ 303.03 mTVD. Drop gyro. B/R and POOH. Run and land 9-5/8" casing at 301.28 mMD/ 299.53 mTVD. Skid to STWC-06 slot L. Perform cement job offline.		Company	Qty					Supply Item		Unit	Receive	Used	Stock
		EXLOG (GOLOGIST)	1	Supply Boats		Standby Boat		BASE FLUID		M3		0.0	349.0
		BAKER HUGHES (Mud log)	2	Vessel Name		Date arrival	Depart	Vessel Name		Tons	70.0	185.0	208.0
		DHI/Exlog (Mud log)	6	TC-Hai An		29-Nov-2022		TC-Hai An		M3		15.0	237.0
Well Status at 6:00 am		PTTEP	3			06:35				Tons	100.0	72.0	220.0
*** Rig temporarily release from STWC-04 to STWC-06 on 1-Dec-22 at 05:30 hrs. ***		SCHLUMBERGER (DD)	3							M3	190.0	21.0	574.0
Planned Operation		SCHLUMBERGER (MW)	3					Variable Load				38.0	522.0
*** Rig temporarily release from STWC-04 to STWC-06 on 1-Dec-22 at 05:30 hrs. ***		SDI (GYRO)	2					Max Variable Load (kip)					
		Halliburton (Wireline)	3										
		SPM (Wellhead Eng)	3										



# DAILY DRILLING REPORT

## PTTEP

### STWC-04

Field Name	Branch Name	Start Depth (m)	Company's Representatives	Casing	DATE: 01-Dec-2022
G1/61 SOUTH TRAT		101.07	Company Man	OD (in)	RPT #: 1
			Suphachai Tembaep	9.625	301.3
			Wimolmas Luewisawakul	299.5	
Rig	Phase		Next : 7.000 in @	Midnight Depth (mMD/mTVD)	
T-15	12-1/4" x 9-5/8"			305.00	303.03

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)
5:00	5:30	Pick up with Unitize wellhead from derrick. Run in hole and land wellhead. Release landing string. Float shoe at 301.28 mMD/ 299.53 mTVD.  *** Rig temporarily release from STWC-04 to STWC-06 on 1-Dec-22 at 05:30 hrs. *** *** Total day on well Actual/ AFE = 0.23 / 5.79 days. ***  ==== Offline Cement Operation ==== 05:15 - 06:30 hrs Rig up circulating head and cement line. Cement unit pump 20 bbls of SW. Mix and pump 55.5 bbls of 1.68 SG lead slurry and 30 bbls of 1.90 SG tail slurry. Displace cement with 64.6 bbls of SW (Left cement inside casing 20 m above shoe). Bleed off pressure, float holding (0.2 bbls return). Close valve at circulating head. CIP on 1-Dec-2022 at 06:30 hrs.	LANDCSG	0.50
				Cum Dur 5.50

Operation Summary		Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock					
P/U 12-1/4" BHA. RIH and scribe line to ML. Take survey. Drilling 12-1/4" hole to section TD at 305 mMD/ 303.03 mTVD. Drop gyro. B/R and POOH. Run and land 9-5/8" casing at 301.28 mMD/ 299.53 mTVD. Skid to STWC-06 slot L. Perform cement job offline.		Company	Qty					Supply Item	Unit	Receive	Used	Stock	
		Supply Boats						Standby Boat					
		Vessel Name		Date arrival	Depart	Vessel Name							
Well Status at 6:00 am													
*** Rig temporarily release from STWC-04 to STWC-06 on 1-Dec-22 at 05:30 hrs. ***													
Planned Operation													
*** Rig temporarily release from STWC-04 to STWC-06 on 1-Dec-22 at 05:30 hrs. ***													