



# DAILY DRILLING REPORT

## PTTEP

### STWC-19

Field Name	Branch Name	Start Depth (m)	Company's Representatives	Casing	DATE:	29-Nov-2022
G1/61 SOUTH TRAT		101.07	Company Man	OD (in)	Depth (mMD/mTVD)	RPT #:
			Suphachai Tembaep	9.625	303.2	299.8
Rig	Phase		Wimolmas Luewisawakul	Next : 7.000 in @ 2,585.00 m	Midnight Depth (mMD/mTVD)	
T-15	12-1/4" x 9-5/8"				307.00	303.31

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)
1RR1	101.07	307.00	205.93	1.00	205.9	205.93	1.00	205.9	12.250 in, PTTEP, LC75, LC75	-----	3x21	1.015	5/25	80/100	3,400	1,500.0	2,000/5,000

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:				
6:15	6:30	Hold PJSM. Skid rig from STWC-05 to STWC-19.	SKID	0.25	101.0700	0.0000	120.0000	Mudline	XANTHAN GUM PAD mud				
6:30	7:30	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 0.20 deg).	P/U BHA	1.00	106.3800	0.8200	252.3500	Gyro	Mud Weight (sg)	ECD (sg)	Mud T (°C)		
7:30	8:30	Drill 12-1/4" hole (Motor/ MWD) from 101.07 mMD to 307 mMD/ 303.31 mTVD with SW/1.20 SG WBM.  Rotate: WOB 5-25 klbs, 3000-3400 lpm, 1000-1300 psi, 80-100 rpm, 2.0/5.0 kft-lbs (off/ on).  Slide: WOB 10-20 klbs, 2500-3400 lpm, 1000-1300 psi.  Rotate: 97.93 m/ 0.11 hrs, Avg ROP = 890 mph.  Slide: 108 m/ 0.10 hrs, Avg ROP = 1080 mph.  P/U 120 klbs, S/O 82 klbs, R/O 100 klbs.   Note: - Drill with SW from mudline to 196 mMD. - Drill with 1.1 SG split stream from 196 mMD to TD. - 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. - Well trajectory at TD: 307 mMD 0.58m above and 0.55m right of the plan.	DRILL	1.00	134.6300	0.8600	270.1200	Gyro	Initial (m?)	Added (m?)	Final (m?)		
					162.8600	1.1200	100.4800	Gyro	0.00	244.00	0.00		
					192.2700	6.0200	99.5500	Gyro	Form. Gain (m?)	Form. Los. (m?)	Surf. Los. (m?)		
					221.7100	8.6900	110.7400	Gyro	YP (lbf/100ft²)	YS (lbf/100ft²)	PV (cp)	Marsh (s/qt)	
					251.0000	12.5600	123.8600	Gyro	33	13.00	12	64	
					274.3200	17.7400	127.2300	Gyro	pH	Pm (cc)	Pf (mL/mL)	Mf (mL/mL)	
					307.0000	23.0000	127.0000	Project to bit	9.0	0.000	0.000	0.00	
									Ca++ (mg/L)	Mg++ (mg/L)	K+ (mg/L)	NaCl (mg/L)	
					Summary/Remarks				KCl (mg/L)	Sand (%)	Solids (%)	CEC (me/hg)	
					Actual / AFE Days = 0.32 / 6.69 days (-6.37 days) Daily / Total NPT = 0.00 / 0.00 days (0.00 days w/o WOW) Total POB = 130				Filt. (ml/30 m)	FC (32nd")	HPHT Filt. (ml/)	HPHT FC (3	
No incident/ accident reported. DMAP Verification = No Issues all risk reduction verified. SOC: 120 (Positive: 46 and Hazards: 74)				Water (%)	Oil (%)	OW	ES (Volts)						
8:30	8:45	Drop gyro and chase 200 strokes with 1.20 SG WBM.	SURV	0.25	Tubular on derrick - 54 stands of 5" DP. - 7 stands of 5" HWDP.				LGS (%)	HGS (%)	Lime (mg/L)	Cl- (mg/L)	
8:45	9:30	Back ream out of hole 12-1/4" BHA with 1.20 SG WBM to mudline.	PULL BHA	0.75					2.6		0.0	20,000	
9:30	10:00	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	0.50					Mud Products				
10:00	10:15	Rig up 9-5/8" casing handling equipment.	R/U CSG	0.25					Mud Type		Unit	On Loc	Used
10:15	10:30	Hold PJSM. Pick up 9-5/8" casing shoe joint and check float equipment, ok.	CHEKFLOAT	0.25					BARITE, MT BULK		MT	356.0	44.0
10:30	13:00	Run in hole 9-5/8" casing to 279 m.	RUNCSG OH	2.50					BIOCIDE X102, 5 GAL		5 gal	31.0	4.0
									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-4023, 25 KG BAG		25 kg	37.0	
									DFE-938, 25 LB BAG		25 lb bag	150.0	
									KCl, 25 KG BAG		25 kg bag	60.0	

Operation Summary				Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock				
PJSM for Riserless Drilling. RIH and scribe line to ML. Take survey. Drilling 12-1/4" hole to section TD at 307 mMD/ 303.31 mTVD. Drop gyro. B/R and POOH. Run and land 9-5/8" casing at 303.2 mMD/ 299.80 mTVD. Skid to STWC-08 slot G. Perform cement job offline.				Company	Qty					Supply Item	Unit	Receive	Used	Stock
				EXLOG (GOLOGIST)	1	Supply Boats			Standby Boat		BASE FLUID	M3	14.0	349.0
				BAKER HUGHES (Mud log)	2	Vessel Name	Date arrival	Depart	Vessel Name	BARITE BULK	Tons		117.0	323.0
				DHI/Exlog (Mud log)	6	Winposh Regent	28-Nov-2022		Winposh Regent	DIESEL	M3		10.0	264.0
				PTTEP	3		06:00		TC-Hai An	CEMENT	Tons		33.0	240.0
				SCHLUMBERGER (DD)	3	TC-Hai An	29-Nov-2022			WATER, DRILLING	M3		2.0	408.0
				SCHLUMBERGER (MW)	3		06:35			WATER, POTABLE	M3	272.0	34.0	592.0
				SDI (GYRO)	2	Variable Load			Max Variable Load (kip)					
				Halliburton (Wireline)	3									
				SPM (Wellhead Eng)	3	Weather Conditions								
				EXPRO (tubular)	4	Wave Height (m)	Wave Period (sec)	Wave Direction (?)	Wind Speed (knots)					
				Halliburton (Cementing)	5	0.30	3	80	3					
				NOV (Solid control)	4	Wind Direction (?)	P Bar (mbar)	Current Speed (knots)	Current Direction (?)					
				Edrill	91	90.00	1,009.0							

Accidents	Safety Drills
113.00 days without Lost Time Accident (LTA) PTTEP	
113.00 days without Lost Time Accident (LTA) Rig	



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			Wimolmas Luewisawakul	299.8	
Rig	Phase		Next : 7.000 in @ 2,585.00 m	Midnight Depth (mMD/mTVD)	
T-15	12-1/4" x 9-5/8"			307.00	303.31

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)
13:00	14:00	<p>Pick up with Unitize wellhead from derrick. Run in hole and land wellhead. Release landing string. Float shoe at 303.20 mMD/ 299.80 mTVD.</p> <p>Note: Use chain block to correct wellhead orientation.</p> <p>*** Rig temporarily release from STWC-19 to STWC-08 on 29-Nov-22 at 14:00 hrs. ***</p> <p>*** Total day on well Actual/ AFE = 0.32 / 6.69 days. ***</p> <p>==== Offline Cement Operation ====</p> <p>14:00 - 14:45 hrs Rig up circulating head and cement line. Cement unit pump 20 bbls of SW. Mix and pump 56.3 bbls of 1.68 SG lead slurry and 30 bbls of 1.90 SG tail slurry. Displace cement with 65.1 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 29-Nov-2022 at 14:45 hrs.</p>	LANDCSG	1.00
				Cum Dur 7.75

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		Supply Boats					Standby Boat						
		Vessel Name		Date arrival	Depart	Vessel Name							
Well Status at 6:00 am													
*** Rig temporarily release from STWC-19 to STWC-08 on 29-Nov-22 at 14:00 hrs. ***													
Planned Operation													
*** Rig temporarily release from STWC-19 to STWC-08 on 29-Nov-22 at 14:00 hrs. ***													
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