



DAILY DRILLING REPORT

PTTEP

STWC-21

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	301.7	298.2	
Rig	Phase		Wimolmas Luewisawakul		Next : 7.000 in @		Midnight Depth (mMD/mTVD)	
T-15	12-1/4" x 9-5/8"						305.00	301.18

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)	
1RR9	101.07	305.00	203.93	1.00	203.9	203.93	1.00	203.9	12.250 in, PTTEP, LC75, LC75	-----	3x21	1.015	5/20	80/120	3,400	1,400.0	2,000/4,000	

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:				
11:30	11:45	Hold PJSM. Skid rig from STWC-21 to STWC-05.	SKID	0.25	0.0000	0.0000	0.0000		XANTHAN GUM PAD mud				
11:45	12:15	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 0.10 deg).	P/U BHA	0.50	101.0700	0.0000	142.8100	Mudline	Mud Weight (sg)	ECD (sg)	Mud T (°C)		
12:15	13:45	Drill 12-1/4" hole (Motor/ MWD) from 101.07 mMD to section TD at 305 mMD/ 301.18 mTVD with SW/1.20 SG WBM. Rotate: WOB 5-20 klbs, 3000-3400 lpm, 1000-1400 psi, 80-120 rpm, 2.0/4.0 kft-lbs (off/ on). Slide: WOB 15-20 klbs, 2500-3400 lpm, 900-1400 psi. Rotate: 107.43 m/ 0.12 hrs, Avg ROP = 895 mph. Slide: 96.50 m/ 0.12 hrs, Avg ROP = 965 mph. P/U 115 klbs, S/O 113 klbs, R/O 114 klbs. Note: - 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: 305 mMD 0.43 m above and 0.4 m right of the plan.	DRILL	1.50	106.3800	0.0500	117.4400	Gyro	1.20		38		
					134.6300	0.3600	354.3600	Gyro	Initial (m?)	Added (m?)	Final (m?)		
					162.8600	2.8900	156.6800	Gyro	0.00	249.41	0.00		
					192.2700	6.7300	157.3500	Gyro	Form. Gain (m?)	Form. Los. (m?)	Surf. Los. (m?)		
					221.7100	10.4000	150.2400	Gyro					
					251.0000	14.1900	139.7000	Gyro	YP (lb/100ft³)	YS (lb/100ft³)	PV (cp)	Marsh (s/qt)	
					272.3200	17.4700	137.3400	Gyro	34	15.00	12	65	
					305.0000	21.5000	140.0000	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)	
Summary/Remarks									KCl (mg/L)	Sand (%)	Solids (%)	CEC (me/hg)	
Actual / AFE Days = 0.25 / 7.85 days (-7.60 days)									8.0				
Daily / Total NPT = 0.00 / 0.00 days (0.00 days w/o WOW)									Filt. (ml/30 m)	FC (32nd")	HPHT Filt. (ml/30 m)	HPHT FC (32nd")	
Total POB = 130													
No incident/ accident reported.									Water (%)	Oil (%)	OW	ES (Volts)	
DMAP Verification = No Issues all risk reduction verified.											/		
SOC: 117 (Positive: 53 and Hazards: 64)									LGS (%)	HGS (%)	Lime (mg/L)	Cl- (mg/L)	
									2.5	0.0		21,000	
									Mud Products				
									Mud Type		Unit	On Loc	Used
									BARITE, MT BULK		MT	132.0	25.0
									BIOCIDE X102, 5 GAL		5 gal	66.0	2.0
									PAC LV, 25 KG BAG		25 kg bag	183.0	5.0
									SODA ASH, 25 KG BA		25 kg bag	82.0	2.0
									XANTHAN GUM, 25 K		25 kg bag	484.0	20.0

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/ 301.18 mTVD. Drop gyro. B/R and POOH. Run and land 9-5/8" casing at 301.74 mMD/ 298.15 mTVD. Skid to STWC-05 slot Q. 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		BARITE BULK	Tons	70.0	185.0	208.0
		DHI/Exlog (Mud log)	6	TC-Hai An		29-Nov-2022		TC-Hai An		DIESEL	M3		15.0	237.0
Well Status at 6:00 am		PTTEP	3			06:35				CEMENT	Tons	100.0	72.0	220.0
*** Rig temporarily release from STWC-21 to STWC-05 on 1-Dec-22 at 17:30 hrs. ***		SCHLUMBERGER (DD)	3							WATER, DRILLING	M3	190.0	21.0	574.0
Planned Operation		SCHLUMBERGER (MW)	3					Variable Load		WATER, POTABLE	M3		38.0	522.0
*** Rig temporarily release from STWC-21 to STWC-05 on 1-Dec-22 at 17:30 hrs. ***		SDI (GYRO)	2					Max Variable Load (kip)						
		Halliburton (Wireline)	3											
		SPM (Wellhead Eng)	3	Weather Conditions										
Accidents		EXPRO (tubular)	4	Wave Height (m)		Wave Period (sec)	Wave Direction (?)	Wind Speed (knots)						
115.00 days without Lost Time Accident (LTA) PTTEP		Halliburton (Cementing)	5	0.30		3	110	5						
115.00 days without Lost Time Accident (LTA) Rig		NOV (Solid control)	4	Wind Direction (?)		P Bar (mbar)	Current Speed (knots)	Current Direction (?)						
		Edrill	91	70.00		1,010.0								

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Drillstring Assembly																	
BHA Run	BHA																

Time Log				
Start Time	End Time	Comment	Code	Dur (hr)
17:00	17:30	Pick up with Unitize wellhead from derrick. Run in hole and land wellhead. Release landing string. Float shoe at 301.74 mMD/ 298.15 mTVD. *** Rig temporarily release from STWC-21 to STWC-05 on 1-Dec-22 at 17:30 hrs. *** *** Total day on well Actual/ AFE = 0.25 / 7.85 days. *** ==== Offline Cement Operation ==== 17:30 - 18:30 hrs Rig up circulating head and cement line. Cement unit pump 20 bbls of SW. Mix and pump 55.7 bbls of 1.68 SG lead slurry and 30 bbls of 1.90 SG tail slurry. Displace cement with 64.7 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 01-Dec-2022 at 18:30 hrs.	LANDCSG	0.50
				Cum Dur 6.00

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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-21 to STWC-05 on 1-Dec-22 at 17:30 hrs. ***													
Planned Operation													
*** Rig temporarily release from STWC-21 to STWC-05 on 1-Dec-22 at 17:30 hrs. ***													