



DAILY DRILLING REPORT

PTTEP

STWC-05

Field Name	Branch Name	Start Depth (m)	Company's Representatives			Casing			DATE:	24-Dec-2022
G1/61 SOUTH TRAT		101.07	Company Man			OD (in)	Depth (mMD/mTVD)	RPT #:	13	
			Aranee Chotipanit			2.875	3,581.39	2,786.97		
Rig	Phase		Wimolmas Luewisawakul			Next :			Midnight Depth (mMD/mTVD)	
T-15	6-1/8" x 2-7/8"								3,589.00	2,791.81

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						Survey Data				Mud							
Start Time	End Time	Comment	Code	Sub Code	Dur (hr)	MD (m)	Incl (?)	Azm (?)	Method	Mud Type:							
0:00	0:15	Make up DHSV. Install control line to DHSV. Pressure test to 7500 psi for 5 mins, ok.	COMP EQU	DHSV	0.25					Mud Weight (sg)							
0:15	1:00	Continue RIH 2-7/8" Tubing with 5,000 psi in control line from 3419 m to 3560 m. Whilst flushing WH through side outlet valves with SW. Note: - RIH secondary control lines on the last 5 joints.	RUNCSG OH	Running tubing with control line after DHSV	0.75					ECD (sg)		Mud T (?C)					
1:00	1:45	Make up tubing hanger with installed BPV. Terminate control line to hanger. Make up running tool land landing string. RIH to 3579 mMD. Tubing hung up at 3579 mMD. Work string pass obstruction. Land tubing hanger at 3581.39 m. Pressure test hanger seal to 6500 psi. Engage lock ring. Pull test 10 klbs over string weight. Pressure test hanger seal to 6500 psi. Release and POOH running tool. Note: - 2-7/8" Tubing shoe at 3581.39 mMD/ 2786.97 mTVD and float collar at 3580.64 mMD. - DHSV at 157.01 m. - P/U wt. 120 klbs, S/O wt. 90 klbs (Including block weight 60 klbs). - Landing weight = 30 klbs (excluding block weight)	LANDCSG	N/A	0.75					Initial (m?)		Added (m?)					
						236.55		236.55									
						Form. Gain (m?)		Form. Los. (m?)		Surf. Los. (m?)							
						0.00		0.00									
						YP (lb/100ft ³)		YS (lb/100ft ³)		PV (cp)		Marsh (s/qt)					
						pH		Pm (cc)		Pf (mL/mL)		Mf (mL/mL)					
1:45	2:00	Rig down 2-7/8" tubing handling equipment.	R/D CSG	Side door elevator	0.25	Summary/Remarks				KCI (mg/L)							
						Actual / AFE Days = 9.44 / 6.86 days (+2.58 days)				Sand (%)		Solids (%)		CEC (me/hg)			
						Daily / Total NPT = 0.00 / 1.78 days (0.42 days w/o WOW)				Filt. (ml/30 ml)		FC (32nd")		HPHT Filt. (ml/30 ml)		HPHT FC (32nd")	
						Total POB = 125				Water (%)		Oil (%)		OW /		ES (Volts)	
						No incident/ accident reported. DMAP Verification = No Issues all risk reduction verified.				LGS (%)		HGS (%)		Lime (mg/L)		Cl- (mg/L)	
						SOC: 112 (Positive: 49 and Hazards: 63)				Mud Products							
				Mud Type		Unit		On Loc		Used							
				Tubular on derrick - 75 stands of 5" DP. - 10 stands of 4" HWDP. - 131 stands of 4" DP.													

Operation Summary		Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock				
Run and land completion tubing at 3581.39 mMD/ 2786.97 mTVD. Perform cement job offline. Skid to STWC-17.		Company	Qty					Supply Item	Unit	Receive	Used	Stock
		EXLOG (GOLOGIST)	1	Supply Boats			Standby Boat		BASE FLUID	M3	0.0	394.0
		BAKER HUGHES (Mud log)	2	Vessel Name	Date arrival	Depart	Vessel Name		BARITE BULK	Tons	49.0	330.0
		DHI/Exlog (Mud log)	6	BB Tongkham	24-Dec-2022 11:35		BB Tongkham		DIESEL	M3	120.0	723.0
Well Status at 6:00 am		PTTEP	2						CEMENT	Tons	37.0	282.0
*** Rig release from STWC-05 to STWC-17 on 24 - Dec - 2022 at 02:15 hrs. ***		SCHLUMBERGER (DD)	2						WATER, DRILLING	M3		
Planned Operation		SCHLUMBERGER (MW)	3				Variable Load		WATER, POTABLE	M3	26.0	385.0
*** Rig release from STWC-05 to STWC-17 on 24 - Dec - 2022 at 02:15 hrs. ***		Halliburton (Wireline)	4				Max Variable Load (kip)					
		SPM (Wellhead Eng)	2									
		EXPRO (tubular)	5	Weather Conditions								
		Halliburton (Cementing)	4	Wave Height (m)	Wave Period (sec)	Wave Direction (?)	Wind Speed (knots)					
138.00 days without Lost Time Accident (LTA) PTTEP		NOV (Solid control)	4	1.20	5	90	15					
138.00 days without Lost Time Accident (LTA) Rig		Edrill	90	Wind Direction (?)	P Bar (mbar)	Current Speed (knots)	Current Direction (?)					
				90.00	1,009.0							



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Drillstring Assembly																		
BHA Run	BHA																	

Time Log					
Start Time	End Time	Comment	Code	Sub Code	Dur (hr)
2:00	2:15	Hold PJSM. Nipple down bell nipple and BOP. Hang BOP and prepare to skid rig. *** Rig release from STWC-05 to STWC-17 on 24 - Dec - 2022 at 02:15 hrs. *** *** Total day on well Actual/ AFE = 9.45/ 6.86 days. *** ===== Offline Cementing Operations ===== 03:15 - 03:45 hrs Install cement adapter flange. Rig up cement head and lines. 03:45 - 06:15 hrs Circulate prior cement job through 6" return line (550 lpm, 1900 -2100 psi). No losses. 06:15 - 07:15 hrs Pump 196.9 bbl of 1.62 SG Spacer (300 - 550 lpm, 1900 - 2100 psi). No losses. Flush line with 12 bbls seawater. 07:15 - 07:30 hrs Cement unit flush line 5 bbls with SW. Pressure test line to 300/ 5000 psi, ok. 07:30 - 09:00 hrs Cement unit mix and pump total 244 bbls of 1.68 SG Gas Tight single slurry. Flush cement line with SW until clean and displace line with 5 bbls of 1.03 SG retarded Brine. Note: - Use 6.40" hole size plus 10% extra for calculation. 09:00 - 09:00 hrs Drop plug. Displace cement with 5 bbls of 1.03 SG retarded Brine, 29.1 bbls of 0.77 SG Base oil and 28.6 bbls of 1.03 SG Brine (total 67.7 bbls as plan). Bump plug with 2 bpm, 3250 psi final pressure. Pressure test tubing to 4543 psi/ 10 mins. CIP on 24 - Dec - 2022 at 09:30 hrs. Note: - No loss during cement job. - 30 bbls contaminate and 112 bbls pure spacer return to surface. - Estimate TOC from volumetric calculation at 1369 m (500 m overlap 7" shoe). 09:30 - 10:00 hrs Perform Inflow test 2000/ 1000 psi for 15 mins. Bleed off pressure. No back flow, float holding. Close annulus valve. Install pressure gauge to monitor pressure on cement.	BOP	N/D-N/U BOP and install wellhead	0.25
					Cum Dur 2.25

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		Supply Boats				Standby Boat						
		Vessel Name		Date arrival	Depart	Vessel Name						
Well Status at 6:00 am												
*** Rig release from STWC-05 to STWC-17 on 24 - Dec - 2022 at 02:15 hrs. ***												
Planned Operation						Variable Load						
*** Rig release from STWC-05 to STWC-17 on 24 - Dec - 2022 at 02:15 hrs. ***						Max Variable Load (kip)						
		Weather Conditions										
Accidents		Safety Drills		Wave Height (m)	Wave Period (sec)	Wave Direction (?)	Wind Speed (knots)					
138.00 days without Lost Time Accident (LTA) PTTEP		PJSM, JSA										
138.00 days without Lost Time Accident (LTA) Rig				Wind Direction (?)	P Bar (mbar)	Current Speed (knots)	Current Direction (?)					