



DAILY DRILLING REPORT

PTTEP

STWC-17

Field Name	Branch Name	Start Depth (m)	Company's Representatives	Casing	DATE:	30-Nov-2022
G1/61 SOUTH TRAT		101.07	Company Man	OD (in)	Depth (mMD/mTVD)	RPT #: 1
			Suphachai Tembaep	9.625	304.3	301.1
Rig	Phase		Wimolmas Luewisawakul	Next : 7.000 in @ 2,685.00 m	Midnight Depth (mMD/mTVD)	
T-15	8-1/2" x 7"				308.00	304.60

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)
1RR5	101.07	308.00	206.93	1.25	165.5	206.93	1.25	165.5	12.250 in, PTTEP, LC75, LC75	-----	3x21	1.015	5/20	80/120	3,400	1,400.0	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:				
11:15	11:45	Hold PJSM. Skid rig from STWC-01 to STWC-17.	SKID	0.50	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 0.09 deg).	P/U BHA	0.50	101.0700	0.0000	94.0000	Mudline	Mud Weight (sg)	ECD (sg)	Mud T (°C)		
					106.3800	0.4100	168.7300	Gyro	1.20		38		
12:15	13:30	Drill 12-1/4" hole (Motor/ MWD) from 101.07 mMD to section TD at 308 mMD/ 304.6 mTVD with SW/1.20 SG WBM.	DRILL	1.25	134.6300	0.5100	189.5600	Gyro	Initial (m?)	Added (m?)	Final (m?)		
		Rotate: WOB 5-20 klbs, 3000-3400 lpm, 1000-1400 psi, 80-120 rpm, 2.0/5.0 kft-lbs (off/ on).			162.8600	2.7900	101.4100	Gyro	0.00	260.65	0.00		
		Slide: WOB 5-20 klbs, 2500-3400 lpm, 900-1400 psi.			192.2700	7.4600	99.7100	Gyro	Form. Gain (m?)	Form. Los. (m?)	Surf. Los. (m?)		
		Rotate: 127.43 m/ 0.15 hrs, Avg ROP = 850 mph.			221.7100	10.4800	98.2100	Gyro					
		Slide: 79.5 m/ 0.09 hrs, Avg ROP = 883 mph.			251.0000	13.6500	94.7600	Gyro	YP (lbf/100ft²)	YS (lbf/100ft²)	PV (cp)	Marsh (s/qt)	
		P/U 115 klbs, S/O 113 klbs, R/O 114 klbs.			275.3200	15.4200	94.5000	Gyro	33	14.00	12	63	
		Note:			308.0000	19.0000	95.0000	Project to bit	pH	Pm (cc)	Pf (mL/mL)	Mf (mL/mL)	
		- Drill with 1.1 SG split stream from 196 mMD to TD.							9.0	0.000	0.000	0.00	
		- 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.							Ca++ (mg/L)	Mg++ (mg/L)	K+ (mg/L)	NaCl (mg/L)	
		- Well trajectory at TD: 308 mMD 1.37 m above and 1.56 m right of the plan.											
13:30	13:45	Drop gyro and chase 200 strokes with 1.20 SG WBM.	SURV	0.25					Summary/Remarks				
13:45	14:15	Back ream out of hole 12-1/4" BHA with 1.20 SG WBM to mudline.	PULL BHA	0.50					Actual / AFE Days = 0.25 / 6.82 days (-6.57 days)				
14:15	14:45	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					Daily / Total NPT = 0.00 / 0.00 days (0.00 days w/o WOW)				
									Total POB = 129				
									No incident/ accident reported.				
									DMAP Verification = No Issues all risk reduction verified.				
									SOC: 128 (Positive: 51 and Hazards: 77)				
14:45	15:00	Rig up 9-5/8" casing handling equipment.	R/U CSG	0.25					Tubular on derrick				
15:00	15:15	Hold PJSM. Pick up 9-5/8" casing shoe joint and check float equipment, ok.	CHEKFLOAT	0.25					- 56 stands of 5" DP.				
15:15	16:45	Run in hole 9-5/8" casing to 280 m.	RUNCSG OH	1.50					- 7 stands of 5" HWDP.				
									Mud Products				
									Mud Type		Unit	On Loc	Used
									BARITE, MT BULK		MT	204.0	42.0
									BIOCIDE X102, 5 GAL		5 gal	69.0	2.0
									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-938, 25 LB BAG		25 lb bag	150.0	
									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 308 mMD/ 304.6 mTVD. Drop gyro. B/R and POOH. Run and land 9-5/8" casing at 304.28 mMD/301.08 mTVD. Skid to STWC-22 slot R. 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	115.0	208.0	
				DHI/Exlog (Mud log)	2	TC-Hai An	30-Nov-2022		TC-Hai An	DIESEL	M3	12.0	252.0	
				PTTEP	6		06:35			CEMENT	Tons	48.0	192.0	
				SCHLUMBERGER (DD)	3	Winposh Regent	30-Nov-2022	30-Nov-2022		WATER, DRILLING	M3	3.0	405.0	
				SCHLUMBERGER (MW)	3		08:35	12:10	Variable Load	WATER, POTABLE	M3	32.0	560.0	
				SDI (GYRO)	2				Max Variable Load (kip)					
				Halliburton (Wireline)	2									
				SPM (Wellhead Eng)	3	Weather Conditions								
				EXPRO (tubular)	4	Wave Height (m)	Wave Period (sec)	Wave Direction (?)	Wind Speed (knots)					
				Halliburton (Cementing)	5	0.40	3	110	5					
				NOV (Solid control)	4	Wind Direction (?)	P Bar (mbar)	Current Speed (knots)	Current Direction (?)					
				Edrill	91	70.00	1,010.0							
Accidents				Safety Drills										
114.00 days without Lost Time Accident (LTA) PTTEP														
114.00 days without Lost Time Accident (LTA) Rig														



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Rig	Phase		Wimolmas Luewisawakul	Next : 7.000 in @ 2,685.00 m	Midnight Depth (mMD/mTVD)	
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Drillstring Assembly																	
BHA Run	BHA																

Time Log				
Start Time	End Time	Comment	Code	Dur (hr)
16:45	17:15	Pick up with Unitize wellhead from derrick. Run in hole and land wellhead. Release landing string. Float shoe at 304.28 mMD/ 301.08 mTVD. *** Rig temporarily release from STWC-17 to STWC-22 on 30-Nov-22 at 17:15 hrs. *** *** Total day on well Actual/ AFE = 0.25 / 6.82 days. *** ==== Offline Cement Operation ==== 17:15 - 18:15 hrs Rig up circulating head and cement line. Cement unit pump 20 bbls of SW. Mix and pump 56.8 bbls of 1.68 SG lead slurry and 30 bbls of 1.90 SG tail slurry. Displace cement with 65.4 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 30-Nov-2022 at 18:20 hrs.	LANDCSG	0.50
				Cum Dur 6.00

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				Supply Boats				Standby Boat						
				Vessel Name		Date arrival	Depart	Vessel Name						