



DAILY DRILLING REPORT

PTTEP

STWC-08

Field Name	Branch Name	Start Depth (m)	Company's Representatives	Casing	DATE:	11-Dec-2022
G1/61 SOUTH TRAT		102.48	Company Man	OD (in)	Depth (mMD/mTVD)	RPT #: 5
			Suphachai Tembaep	9.625	306.5	304.2
Rig	Phase		Wimolmas Luewisawakul	Next : 7.000 in @ 2,622.77 m	Midnight Depth (mMD/mTVD)	
T-15	8-1/2" x 7"				2,629.00	1,854.71

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)
1									8.500 in, BAKER, TD604M, 5336450		0-1-CT-G-X-I-ER-TD	6x13	0.778	/	/			/

Drillstring Assembly																		
BHA Run	BHA																	
2	8 1/2" PDC Bit (TD604M) New), PowerPak A675M7850XP, 1.5deg bent with FV Rotor, 7-1/4" Stabilizer, 6 3/4" Pony NMDC, TeleScope 675 (1900-3790LPM), 6 3/4" NMDC, 6 3/4" sub, 20x 5" HWDP (20 joints) (Total length: 222.3 m)																	

Time Log						Survey Data				Mud			
Start Time	End Time	Comment	Code	Dur (hr)	MD (m)	Incl (?)	Azm (?)	Method	Mud Type:				
0:00	3:00	POOH 8-1/2" BHA with 5" DP from 2391 to 1326m. Observed washout string at 1326m (on stand #38). Separated washout string.	WB-OTHR	3.00					Gel/Polymer				
		Note: - Break circulation to verify pressure every 10 stands pulled with 2700 lpm, 600-800 psi.							Mud Weight (sg)		ECD (sg)	Mud T (?C)	
3:00	5:00	Break circulation with 2700 lpm, 1700 psi. RIH 8-1/2" BHA on 5" DP to 2624m. Wash down last stand to bottom at 2629 m.	WB-OTHR	2.00					1.15			41	
		Note: - Max trip gas 98.61%.							Initial (m?)		Added (m?)	Final (m?)	
5:00	9:15	Observed high gas at surface. Shut-in well. Circulate gas out through MGS.	CIRC	4.25					342.29		67.33	395.74	
		Note: - Perform swab test. Pump 100 bbls of Hi- Vis PAC/PHPA sweep. Circulate till 1st sweep pill and WBM on surface. Pump 2nd, 3rd and 4th (after previous pill on surface) 100 bbls of Hi- Vis PAC/PHPA sweep and continue to circulate hole clean (2700 lpm, 2000 - 2100 psi, 80 rpm, 9-13 kft-lbs).							Form. Gain (m?)		Form. Los. (m?)	Surf. Los. (m?)	
9:15	15:00	Perform swab test. Pump 100 bbls of Hi- Vis PAC/PHPA sweep. Circulate till 1st sweep pill and WBM on surface. Pump 2nd, 3rd and 4th (after previous pill on surface) 100 bbls of Hi- Vis PAC/PHPA sweep and continue to circulate hole clean (2700 lpm, 2000 - 2100 psi, 80 rpm, 9-13 kft-lbs).	CIRC	5.75					0.00		0.00	13.88	
		Note: - Swab gas 5.81%/4.00%							YP (lb/100ft³)		YS (lb/100ft³)	PV (cp)	Marsh (s/qt)
		- Hole size from 1st Hi-Vis sweep / PHPA / 2nd / 3rd & 4th Hi-vis = 12.70"/ 12.75"/ 12.80"/ 12.80.							21		13.00	20	49
		- Bottom up sample: 90% clay and 10% Sand.							pH		Pm (cc)	Pf (mL/mL)	Mf (mL/mL)
		- Total circulation at TD = 5.0 bottom up.							8.5		0.140	0.100	0.12
15:00	15:15	Flow check and line up trip tank, well static.	FLOWCHK	0.25					Ca++ (mg/L)		Mg++ (mg/L)	K+ (mg/L)	NaCl (mg/L)
15:15	17:45	Slug pipe. POOH 8-1/2" BHA with 5" DP from bottom to 9-5/8" casing shoe at 305 m. Hole take correct displacement.	PULL BHA	2.50					Summary/Remarks				
		Note: - Avg. POOH speed 38 std/hr.							Actual / AFE Days = 3.44 / 6.88 days (-3.44 days)				
17:45	19:00	POOH 8-1/2" BHA with 5" HWDP from 305 m to surface. Handle 8-1/2" BHA. Break out bit. Rack back Motor/MWD BHA.	R/B BHA	1.25					Daily / Total NPT = 0.21 / 0.25 days (0.25 days w/o WOW)				
		Retrieve wear bushing and jet wellhead.	WB	0.75					Total POB = 128				
19:00	19:45	Rig up 7" casing handling equipment.	R/U CSG	0.25					No incident/ accident reported.				
19:45	20:00	Hold PJSM. Pick up 7" casing Float shoe, shoe track and Float collar. Check float equipment, ok.	CHEKFLOAT	0.25					DMAP Verification = No Issues all risk reduction verified.				
20:00	20:15	RIH 7" Casing to 9-5/8" casing shoe at 305.07 m.	RUNCSG CH	0.25					SOC: 136 (Positive: 64 and Hazards: 72)				
20:15	20:30	Note: - Avg. RIH speed 1165 m/hr.							Tubular on derrick				
									- 87 stands of 5" DP.				
									- 6 stands of 5" HWDP.				
									- 30 stands of 4" DP.				

Operation Summary				Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock				
POOH to verify washout string. Separate washout string. RIH back to bottom. Observed high gas at surface. Shut-in well. Circulate through MGS. Pump sweep and circulate hole clean. Pump slug. POOH and R/B BHA. R/U and Run 7" casing to 2183 m.				Company	Qty					Supply Item	Unit	Receive	Used	Stock
				EXLOG (GOLOGIST)	1	Supply Boats			Standby Boat		BASE FLUID	M3		349.0
				NOV (Electrician)	1	Vessel Name		Date arrival	Depart	Vessel Name		BARITE BULK	Tons	404.0
				BAKER HUGHES (Mud)	2	S.C. Emerald		11-Dec-2022	11-Dec-2022	Bourbon Liberty 209		DIESEL	M3	630.0
				DHI/Exlog (Mud log)	6			01:36	08:00			CEMENT	Tons	238.0
Well Status at 6:00 am				PTTEP	3	Bourbon Liberty 209		11-Dec-2022				WATER, DRILLING	M3	674.0
Circulate B/U.				SCHLUMBERGER (DD)	2			08:48		Variable Load		WATER, POTABLE	M3	392.0
Planned Operation				SCHLUMBERGER (MW)	3					Max Variable Load (kip)				
Run and land 7" casing. Perform cement online. Set kill string. N/D BOP. Skid to STWC-13.				Halliburton (Wireline)	5									
				SPM (Wellhead Eng)	2	Weather Conditions								
Accidents				EXPRO (tubular)	5	Wave Height (m)		Wave Period (sec)	Wave Direction (?)	Wind Speed (knots)				
125.00 days without Lost Time Accident (LTA) PTTEP				Halliburton (Cementing)	4	1.20		6	115	12				
125.00 days without Lost Time Accident (LTA) Rig				NOV (Solid control)	4	Wind Direction (?)		P Bar (mbar)	Current Speed (knots)	Current Direction (?)				
				Edrill	90	90.00		1,008.0						



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Drillstring Assembly																		
BHA Run	BHA																	

Time Log				
Start Time	End Time	Comment	Code	Dur (hr)
20:30	0:00	RIH 7" Casing from 9-5/8" casing shoe to 2183 m. Note: - Avg. RIH 540 m/hr. === 00:00 - 05:30 operation === 00:00 - 01:15 RIH 7" Casing from 2183 m to 2601 m. Note: - Avg. RIH speed 340 m/hr. 01:15 - 01:45 Pick up 7" Casing integral hanger with running tool from derrick. RIH and land 7" Casing hanger. Pressure test hanger seals to 6500 psi, ok. Engage lock ring and pull test 10 klbs over string wt. Re-pressure test seals to 6500 psi (MK-2 wellhead). Note: - 7" Casing shoe at 2622.77 mMD/ 1850.77 mTVD and float collar at 2608.65 mMD. - Total run: 196 joints of 7" Casing 29# L80 TPCQ + 1 6m pup joint + 1 Float Shoe + 1 Float Collar. - S/O wt. 105 klbs. 01:45 - 02:00 L/D landing joint. M/U X-over to TDS. 02:00 - 05:30 Circulate bottom up prior to cement job. Observed high trip gas. Circulate through MGS with 800 - 900 lpm, 300-400 psi.	RUNCSG OH	3.50
				Cum Dur
				24.00

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		Supply Boats				Standby Boat							
		Vessel Name		Date arrival	Depart	Vessel Name							
Well Status at 6:00 am													
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