



# DAILY DRILLING REPORT

## PTTEP

### PLWD-36

Field Name	Branch Name	Start Depth (m)	Company's Representatives	Casing	DATE:	23-Dec-2022
G1/61 PLATONG	PLWD-36	0.00	Company Man	OD (in)	Depth (mMD/mTVD)	RPT #: 18
			Suwat P.	7.000	2,063.40	1,467.12
			Tapapak H.	Next : 2.875 in @ 4,030.05 m	Midnight Depth (mMD/mTVD)	
Rig	Phase				2,072.00	1,473.59
Shelf Drilling Enterprise	6-1/8" x 2-7/8"					

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)		
10									6.125 in, NOV, TKC46-E1, A281089		0-3-BT-G-X-I-CT-BHA	4x12	0.442	/	/			/		
11									6.125 in, BAKER, RC 211, ZTSSKL0275		-----	4x12	0.451	/	/			/		
Drillstring Assembly																				
BHA Run		BHA																		
10	PDC, 5" Bit Sub, 4-3/4" Drill Collar, PTT 5" X-Over (3-1/2"IF x MT-39), 24 jnt Heavy Weight Drill Pipe (Total length: 258.1 m)																			
11	Concave mill, Bit Sub, 4-3/4" Drill Collar, PTT 5" X-Over (3-1/2"IF x MT-39), 24 jnt Heavy Weight Drill Pipe (Total length: 258.7 m)																			
Time Log									Survey Data					Mud						
Start Time	End Time	Comment							Code	Sub Code	Dur (hr)	MD (m)	Incl (?)	Azm (?)	Method	Mud Type:				
0:00	1:00	Continue RIH from 1183 to 1983 mMD.							DHEQP-CMT	Cement Plug	1.00					Synthetic mud				
1:00	2:15	Wash down to tag soft cement at 2042 m. Start drilling out and tag (10K) firm TOC at 2060 mMD (990 lpm,300 psi). Pump 30 bbl of Hi-Vis sweep while drilling cement.							DHEQP-CMT	Cement Plug	1.25					Mud Weight (sg)		ECD (sg)	Mud T (?C)	
																1.16		42		
2:15	2:30	Drill cement to 2061 mMD (WOB 2-3 K, 80 rpm, 1300 lpm)							DHEQP-CMT	Cement Plug	0.25					Initial (m?)		Added (m?)	Final (m?)	
2:30	3:00	Pump 30 bbl of Hi-Vis sweep and circulate sweep on surface with 1500 lpm.							DHEQP-CMT	Cement Plug	0.50					0.00		263.96	236.41	
3:00	3:30	Drill cement from 2061 mMD to 2065 mMD (WOB 1-2 klb, 60 rpm, 800 lpm, 515 psi)							DHEQP-CMT	Cement Plug	0.50					Form. Gain (m?)		Form. Los. (m?)	Surf. Los. (m?)	
3:30	5:00	Pump 2x30 bbl of Hi-Vis sweep and circulate sweep on surface with 900-2000 lpm. Spot 10 bbl high vis sweep.							DHEQP-CMT	Cement Plug	1.50					0.00		0.00	27.55	
																YP (lb/100ft²)	YS (lb/100ft²)	PV (cp)	Marsh (s/qt)	
5:00	5:30	Perform shoe bond test at 7" CSG shoe to 1.70 SG EMW, good test.							DHEQP-CMT	Cement Plug	0.50					12	12.00	19	53	
5:30	5:45	Flow check, well static.							DHEQP-CMT	Cement Plug	0.25					pH	Pm (cc)	PF (mL/mL)	Mf (mL/mL)	
		Note: -Install air slip.														Ca++ (mg/L)	Mg++ (mg/L)	K+ (mg/L)	NaCl (mg/L)	
5:45	7:45	POOH BHA from 2063 mMD to 258 mMD							DHEQP-CMT	Cement Plug	2.00	<b>Summary/Remarks</b> Actual / AFE Days = 8.55 / 8.45 days (+0.10 days) Daily / Total NPT = 1.00 / 5.38 days (5.38 days w/o WOW) Total POB = 135 - No incident/accident - DMAP Verification = No Issues all risk reduction verified. - BBS:114 (Positive:109, Hazard:5) - Next full BOP test: 4th Jan 2023  === Tubular in derrick === 5" DP/HWDP 76/8 STD 4" DP/HWDP 134/8 STD 5" DP Jetting tool/ set wear bushing 1/1 STD 5" DP for cement stinger 2 STD 4" DP Jetting tool/ set wear bushing 1/1 STD					KCl (mg/L)	Sand (%)	Solids (%)	CEC (me/hg
7:45	8:00	Flow check, well static.							DHEQP-CMT	Cement Plug	0.25						Filt. (ml/30 m	FC (32nd")	HPHT Filt. (ml/	HPHT FC (3
		Note: - Perform trip drill. Secure well within 25 sec.															2.0			2.0
8:00	8:30	POOH 6-1/8" clean out BHA. from 258 mMD to surface, break out bit.							DHEQP-CMT	Cement Plug	0.50						Water (%)	Oil (%)	OW	ES (Volts)
8:30	9:15	M/U Milling BHA and RIH to 258.7 mMD.							DHEQP-CMT	Cement Plug	0.75						14.0	74.5	84/16	880.0
9:15	11:15	RIH 6-1/8" Milling BHA with 4" DP from 258.7 m to 2050 m.							DHEQP-CMT	Cement Plug	2.00					LGS (%)	HGS (%)	Lime (mg/L)	Cl- (mg/L)	
11:15	11:45	Make up TDS and wash down from 2050 m to 2065 m with SW (900 lpm, 435 psi, P/U 298 klbs, S/O 149 klbs)							DHEQP-CMT	Cement Plug	0.50					3.3	7.0	6,700.0	30,000	
												<b>Mud Products</b>				Mud Type				
11:45	16:00	Mill cement from 2065 to 2067 m (WOB 1-2 klb, 40 rpm, torque 12-14 klb.ft). Work pipe without rotation from 2065 to 2067 m (across the fish area), no issue. No sign of milling metal. Continue milling from 2067 to 2071m (WOB 2-4 klb, 40 rpm, torque 12-14 klb.ft).							DHEQP-CMT	Cement Plug	4.25					Unit				
		Note - BTU sample 100% cement														On Loc				
16:00	16:45	Simulate tripping in/out from 2063 to 2071 m with various parametes. Total 6 times. No issue. Spot 10 bbl of high vis sweep at the bottom.							DHEQP-CMT	Cement Plug	0.75					BARITE	MT	266.0	19.0	
																Calcium Chloride Pow	25 kg bag	264.0	34.0	
16:45	17:15	Pull inside 7"casing shoe. Perform FIT to 1.7 SG EMW, good test.							DHEQP-CMT	Cement Plug	0.50					CARBO-GEL	25 kg bag	92.0	9.0	
17:15	19:00	Drill with Milling BHA from 2071 mMD to 2072 mMD while displacing well with 1.16 SG SDF.							DHEQP-CMT	Cement Plug	1.75					CARBO-MUL TH	55 gal	62.0	4.0	
		Observe torque decrease from 13 kft-lb to 7 kft-lb.														LIME	25 kg bag	230.0	50.0	
																OVAGEL HT	25 kg bag	92.0	9.0	
																OVATROL HT	25 kg bag	265.0	20.0	
																SARALINE 185V Q4	1 m3	123.0	22.0	
																SYN GRAPHITE F	25 kg bag	127.0	3.0	
																SYN GRAPHITE M	25 kg bag	157.0	5.0	
Operation Summary								Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock						
RIH Clean out BHA to 1193 mMD. Wash down to tag TOC at 2060 m. Drill to 2065 m. Perform shoe bond test to 1.70 SG EMW. POOH. M/U and RIH Milling BHA to 2050 m. Wash down to 2065 m. Mill cement to 2071 m. Simulate tripping in/out. Perform FIT to 1.70 SG EMW. Drill cement to 2072 m while displace well to 1.16 SG SDF. POOH. M/U Motor BHA and RIH to 265 mMD.								Company	Qty					Supply Item	Unit	Receive	Used	Stock		
<b>Well Status at 6:00 am</b>								Adisorn	4	<b>Supply Boats</b>			<b>Standby Boat</b>		DIESEL	M3	0.0	26.0	409.0	
								BAKER HUGHES - Cem	3	Vessel Name		Date arrival	Depart	Vessel Name		WATER, POTABLE	M3	6.0	3.0	506.0
								BAKER HUGHES( BHI)	1	SC glory7		23-Dec-2022	23-Dec-2022			WATER, DRILLING	M3	122.0	61.0	431.0
								BAKER HUGHES( BHI)	2			16:55	17:10			BASE FLUID	M3	0.0	5.0	115.0
								DMF	1							BARITE BULK	MT	0.0	30.0	266.0
Drill 6-1/8" hole (Motor/PWD/MWD/LWD-TC) to 2142 mMD/1526.33 mTVD with 1.16 SG SDF.								EXLOG - Wellsite Geolog	1			<b>Variable Load</b>		CEMENT	MT	0.0	0.0	186.0		
<b>Planned Operation</b>								Expro - TRS	5			Max Variable Load (kip)								
								Fircroft	1											
Drill 6-1/8" hole to end of motor run at +/- 2890.79 mMD/ 2100 mTVD. Circulate hole clean. POOH. M/U and RIH 6-1/8" AGS BHA. Drill 6-1/8" hole to section TD at +/- 4030 mMD/2939.95 mTVD.								Geolog	6	<b>Weather Conditions</b>										
<b>Accidents</b>					<b>Safety Drills</b>			Halliburton DD/ MWD	6	Wave Height (m)	Wave Period (sec)	Wave Direction (?)	Wind Speed (knots)							
151.00 days without Lost Time Accident (LTA) PTTEP					PJSM, JSA. Perform trip drill.			ISOS	1	0.70	6	50	6							
151.00 days without Lost Time Accident (LTA) Rig								MI Swaco	4	Wind Direction (?)	P Bar (mbar)	Current Speed (knots)	Current Direction (?)							
								PTTEP	2	80.00										

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Field Name G1/61 PLATONG	Branch Name PLWD-36	Start Depth (m) 0.00	Company's Representatives Company Man	Casing OD (in) 7.000	Depth (mMD/mTVD) 2,063.40 1,467.12	DATE: 23-Dec-2022 RPT #: 18
Rig Shelf Drilling Enterprise	Phase 6-1/8" x 2-7/8"	Suwat P. Tapapak H.	Next : 2.875 in @ 4,030.05 m	Midnight Depth (mMD/mTVD) 2,072.00 1,473.59		

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)	
11									6.125 in, NOV, DSH416S-C3, A292946	-----		0.442	/	/			/	
Drillstring Assembly																		
BHA Run	BHA																	
12	6-1/8" PDC Bit TKC46-E1, 6-1/16" TBS, 5" Terra Force 6/7-6.0 stg, 5"Float Sub, 4 3/4" DM Collar, 4 3/4 "SP4 Collar 175C, 4 3/4" ALD Collar 175C, 4 3/4" CTN Collar 175C, 4 3/4" PWD, 4 3/4" HOC, Cross Over, 9 jts x 4" HWDP, 2 jts x 4" HWDP, PTT X-Over Sub (MT-39 P x 3-1/2")																	

Time Log						Summary/Remarks
Start Time	End Time	Comment	Code	Sub Code	Dur (hr)	
19:00	19:15	Flow check, well static.	DHEQP-CMT	Cement Plug	0.25	2-7/8" test assembly/TBG Hanger 1/1 STD
19:15	21:15	POOH Milling BHA from 2072 mMD to surface. Note: - Avg. POOH speed in CH 1,036 m/hr.	DHEQP-CMT	Cement Plug	2.00	2-7/8" cement stinger 10 STD 2-7/8" TBG TPG2/BEAR 24/17 STD
21:15	21:30	B/O Junk mill, bit sub and R/B 4-3/4" DC in derrick.	DHEQP-CMT	Cement Plug	0.25	2-7/8" Pup joints 10 STD
21:30	0:00	Hold PJSM. Pick up and make up 6-1/8" BHA with Motor/PWD/MWD/LWD-TC. Load radioactive source. RIH 6-1/8" BHA with 4" HWDP and 4-3/4" Drilling JAR to 265 m.  ===== 00:00-06:00 hr operation ===== 00:00-02:30 RIH from 265 mMD to 2072 mMD. 02:30-03:00 Line up high side. Slide 6-1/8" hole from 2072 mMD to 2084 mMD with low parameters (900 lpm, 2350 psi, WOB 1-2 K). Note: - BTU sample 70% cement and 30% clay. 03:00-06:00 Drill 6-1/8" hole from 2084 mMD to 2142 mMD/1526.33 mTVD with 1.16 SG SDF. - BHCT 88 degC at 2103 mMD/ 1496.84 mTVD. - Max Gas 0.54% / BG 0.15% from 2086 mMD/1484.20 mTVD. (No gas show). - P/U 261 klbs, S/O 145 klbs, R/T 177 klbs. - Well trajectory at 2103.44m: 7.78 m above, 8.51 m right of the plan.  Note:- No loss/gain/caving while drilling. - Maintain Graphite F/M 2/2 ppb each in active system.	DHEQP-CMT	Cement Plug	2.50	6-1/8" BHA 1 STD
					Cum Dur	
					24.00	

Operation Summary				Personnel		Day Total	Cum to Date	Mud Total	Mud Cum to Date	Main Stock				
RIH Clean out BHA to 1193 mMD. Wash down to tag TOC at 2060 m. Drill to 2065 m. Perform shoe bond test to 1.70 SG EMW. POOH. M/U and RIH Milling BHA to 2050 m. Wash down to 2065 m. Mill cement to 2071 m. Simulate tripping in/out. Perform FIT to 1.70 SG EMW. Drill cement to 2072 m while displace well to 1.16 SG SDF. POOH. M/U Motor BHA and RIH to 265 mMD.				Company	Qty					Supply Item	Unit	Receive	Used	Stock
Well Status at 6:00 am				Saitek	2	Supply Boats			Standby Boat					
Drill 6-1/8" hole (Motor/PWD/MWD/LWD-TC) to 2142 mMD/1526.33 mTVD with 1.16 SG SDF.				Schlumberger Wireline	4	Vessel Name	Date arrival	Depart	Vessel Name					
Planned Operation				Shelf	74									
Drill 6-1/8" hole to end of motor run at +/- 2890.79 mMD/ 2100 mTVD. Circulate hole clean. POOH. M/U and RIH 6-1/8" AGS BHA. Drill 6-1/8" hole to section TD at +/- 4030 mMD/2939.95 mTVD.				Sodexo Catering	16				Variable Load					
				SPM	2				Max Variable Load (kip)					
						Weather Conditions								
Accidents		Safety Drills				Wave Height (m)	Wave Period (sec)	Wave Direction (?)	Wind Speed (knots)					
151.00 days without Lost Time Accident (LTA) PTTEP		PJSM, JSA. Perform trip drill.				Wind Direction (?)	P Bar (mbar)	Current Speed (knots)	Current Direction (?)					
151.00 days without Lost Time Accident (LTA) Rig														