

## **DAILY DRILLING REPORT** PTTEP **TMA-13A**

Field Name	Branch Name	Start Depth (m)	Company's Representatives		Casing		DATE: 08-F	eb-2023		
G2 / 61	Original hole	108.50	Company Man	OD (in)	Depth (ml	MD/mTVD)	RPT#: 7			
			Nithis Jamlongkaew	13.375	365.50	365.50				
Rig	Pha	ase	Apisit Kumpangtong	Next: 9.6	625 in @ 1,36	65.00 m	Midnight Depth (mMD/mTVD)			
SKALD	12-1/4"					1,218.00	1,194.60			

Penetration							S	SKALD 12-1/4" x 9-5/8"												1,21	8.00	1,194	4.60	
								Bit						Parameters										
Bit Run	Start (m)	End (m)	Interva	al (m) Tim	ne (hr) R	OP (m/hr)	Cum Depth (m)	Cum Time (hr)									/OB (kip) RPM (rpm) Flow (L/min) SPP (psi) On Btm (ft-							
1NEW	357.00	1,218.00	861.	` '	9.00	45.3	861.00	19.00	45.3			, NOV, DSFX519S-G9, A278428			3x20		-	14	80/80	3,200	1,850	. ,	4,000/9,	
Drillstring	g Assembly																							
BHA Rur											BI	HA												
1	12-1/4" I	PDC Bit, 8"	Motor C	94 POB 1.	.5° Bend,	11-1/4" M	otor Top Stabilize	r, 6-3/4" HEL-IDS,	22 x 5" HWDP (To	al length: 2	224.8 m)													
Time Log														Survey Da	ata				Mud					
	End Time						Comment				Code	Sub Code	Dur (hr)	MD (m)	Incl (°)	) Azm (°)	Т	Method Mud Type:						
0:00	1:15	RIH 12-1	/4" Mo	tor/MW/D	) RHΔ w	ith 5" H\A		RIH with 5" DP to	274 m		RUN BHA	Cased Hole :	1.25	876.37	13.37			MWD Gel/Polymer						
0.00	•								) Z / ¬ III.			By Stand	0	905.31	14.01			MWD		ight (sg)	ECD (sg)	D (sg) Mud T		°C)
1.15	1.45				,	NC 1.05 0	leg) and 255 m	(INC 1.10 deg)			SSHE	Others	0.50	934.3	14.79	18.98		MWD	1.20		` ` '		36	. ,
1:15	1:45	Perform I									PRES TST			963.29	13.14			MWD	Initial (m	1 <sup>3</sup> )	Added (n	n³)	Final (m	1³)
1:45	2:15	Pressure	test 1	3-3/8" ca	sing to 3	300/800 p	osi, 5/10 mins.				PRESISI	Casing	0.50	992.24	13.29	18.94		MWD	0.00	,	467.15	,	336.15	,
0.45	0.45										DUNDUA	Pressure test	0.50	1021.21	13.84	19.61		MWD	Form. G	ain (m³)	Form. Lo	s. (m³)	Surf. Lo	s. (m
2:15	2:45	RIH 12-1	/4" Mo	tor/MWD	BHA to	312 m a	nd wash down	to tag TOC at 32	29 m with 5 klbs	(expect	RUN BHA	Cased Hole :	0.50	1050.16	14.39			MWD	0.00	( /	0.00	` '		`
		TOC at 3	36 m).									By Stand		1079.16	13.21			MWD		00ft² YS	(lbf/100ft <sup>2</sup>	PV (cp)	Ma	rsh (s
2:45	4:00	Drill out o	ement	, float co	llars and	d shoe (2	-5 klbs, 2400 lp	m, 1000 psi, 60	rpm, 4-7 kft-lbs).	Clean	DRLSHOE	N/A	1.25	1108.17	13.47			MWD	22			16	52	,
							nation to 360 m		,					1137.14	13.14			MWD	pН	Pm	(cc)	Pf (mL/n		(mL/n
									er recommendat	ion				1166.09	12.64			MWD	P	I	(00)	(2/	-,	(,
					111 51100	5 WILLI IOW	parameters as	pei manulaciui	ei recommendat	1011				1195.06	12.87			MWD	Ca++ (m	ng/L) Mg+	++ (ma/L)	K+ (ma/	) Na	CI (mg
4.00	F.00	(Aluminiu		,							TSTSHOE	FIT	1.00		/Remarks	01.04		IIIIVID	<b>—</b>   Garr (iii	9,2,1,1,9	(IIIg/L)	, (mg/	-,   ''	O. ( <u>ş</u>
4:00	5:00	•	•		•			serve pressure o	•		ISISHUE	'''	1.00	_		0.04 / 22	70	- / 00 70	KCI (mg/	/L) Sar	d (%)	Solids (9	%) CE	C (me
		Decision	made	to call FI	T at 107	7 psi (1.24	4 SG EMW, sh	oe at 356.5 mTV	'D).				Actual / AFE Days = 6.94 / 33.73						ays (-26.79   1.6. (9/2)   0.1				"   "	. (1110
		Note: - M	lin LO7	Γ = 1.20 \$	SG EMV	٧								days)						HPHT Fil	t. (ml/3 HP	HT F		
		- FI	T sam	ple: 20%	Clay an	nd 80% C	ement							Daily / T	otal NPT :	= 0.00 / 1.00	days (0	0.00 days	3   """ (""")	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(OZIIG )		]	
		- To	tal pur	np/returr	n = 1.3/1	.3 bbls							w/o WOW) Water (%) Oil (%)							(%)	OW	ES	(Volts	
- Total pump/return = 1.3/1.3 bbls													Total PC	DB = 128				92.0	"	,,,,	/100	٦٠	( **********	
														- No inci	ident/accio	dent			LGS (%)	HG	S (%)		g/L) CI-	(ma/l
														1		on = No Issu	و عال ric			11100	3 (70)	Linic (iii		,000
														1		)II – 1 <b>10</b> 1330	co all ric	Mud Products					120	,000
									reduction verified							ก verified 33 (Positive: 112 and Hazard: 21)				lud Type		Unit	On Loc	Us
																		: 21)			_	MT	225.0	_
														- Next fu	ull BOP tes	st: 28th Feb	2023	BARITE, MT BULK BIOCIDE X102, 5 G				5 gal	35.0	
														1						M CHLOF		•	288.0	
														=== Tub	oular on de	errick ===				-GEL, 25 I		kg bag	92.0	
									- 115 stds of 5" DP and 9						P and 9 stds	-1-11 CIII IVVIDID			-GEL, 25 I 5 KG BAG		kg bag	160.0		
															s of 4" DP					L HT, 25 K		kg bag		
														1								kg bag	40.0	10
														- 6 JOHN	ts of 13-3/8	o CSG.				25 KG BA		kg bag	90.0	30
														1							kg bag	40.0	25	
																				SH, 25 KO AN GUM, 1		5 kg bag 5 kg bag	200.0	
Operation	Summary							F	Personnel		Day Total	Cum to	Date	Mud To	otal	Mud Cum to	Date	Main Sto		IN GOIVI,	25 K   20	ky bay	200.0	10
•		VD BHA to	274 m.	Pressure 1	test 13-3/	/8" casing.	RIH and wash do		Company	Qty						-			upply Item	Ur	nit Rec	ceive	Used	Stoc
TOC. Dril	l out cement	, float collar	s and s	hoe. Perfo	orm LOT.	Drill 12-1/	4" hole to 1218 n		BHI	8	Supply Boats				Standby B	oat		DIESEL		M	3		17.0	213.
1194.60 r	nTVD w/PA[	D.						E	BORR	89	Vessel Nam	ne Date a	rival	Depart	V	essel Name		BARITE	BULK	M.	T 75	5.0 2	212.0	221.
									MF	2	SC BONGKOT	07-Feb-	2023 08-	-Feb-2023				CEMEN		M	T 80	0.0		196.
Well Status at 6:00 am						E	XLOG	5		14:3	0	04:42				WATER,	, DRILLING	M	3		17.0	325.		
Drill 12-1/4" hole (Motor/MWD) to 1279 mMD/ 1252.50 mTVD.							H	HALIBURTON	4								WATER,	, POTABLE	M	3 40	0.0	29.0	343.	
Planned Operation							F	PTTEP	3					Variable Lo	oad									
Drill 12-1/4" hole to TD at +/- 1365 mMD/ 1331 mTVD. Circulate hole clean. POOH 12-1/4" BHA							1/4" BHA F	RUTLEDGE	1					Max V	ariable Load (I	kip)								
and L/D. RIH 9-5/8" CSG to setting depth. Circulate. Perform 9-5/8" CSG cement job. Install						nstall	SCOMI	4				( )												
pack-off.	M/U and RIF	H 8-1/2" Mo	tor/MLV	VD BHA. [	Orill out sh	hoe.	-	V	VEFIC	1	Weather Condit	ions					1							
		Acc	idents				Safety	<b>Drills</b> V	VFT	6	Wave Height (	m) Wave Pe	riod (sec)	Wave Dir	rection (°)	Wind Speed	(knots)							
602.00 da	ys without L	ost Time A	ccident	(LTA) PTT	EP		PJSM, JSA		VFT TRS	5	1.10	' I	4 ` ′	1	90	10	ĺ							
	ys without L			` '			Safety drill		Wind Direction (°) P Bar (mb			(mbar)			(knots) Current Direction (									
	,			,,9	,						90.00		09.0	1 '	. /	1	. ,					Page 1 of 2		
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			Nithis Jamlongkaew	13.375	365.50	365.50				
Rig	Ph	ase	Apisit Kumpangtong	Next: 9.	625 in @ 1,36	65.00 m	Midnight Depth (mMD/mTVD)			
SKALD	12-1/4"	' x 9-5/8"	1				1,218.00	1,194.60		

PTTE	P			I WA-13	A	3	KALD 12-1/4" x 9-5/8"									1,218.00 1,194.60							
Penetration								Bit				Parameters											
						Cum Time (hr)	Tot ROP (m/hr)		t and Core Head Ir	nventory	E	Bit Dull	Nozzle (32nd"	) TFA (in²)	WOB (kip)								
	- ()	()	(,	, , , , , , , , , , , , , , , , , , , ,	7	()	()	†			55411		(==/14	<u> </u>	()	()	,/	\F-·/	On Btm	,			
Drillstring	Assembly																						
BHA Run									BH	IA.													
Time Log																							
Start Time	End Time				Comment				Code	Sub Code	Dur (hr)	7											
5:00	0:00	Drill 12-1/	4" hole (Moto	r/MWD) from 36	60 m to 1218 mMI	D/ 1194 60 mTV	D w/PAD		DRILL	Normal	19.00	1											
			•	mMD/ 1172 m																			
			•		n, 1100-1850 psi,	90 rpm 4 0 kft	lh																
					=	00 Ipili, 4-9 Kit-	ib																
					1200-1790 psi																		
				s, Avg. ROP = 1																			
				Avg. ROP = 25																			
		P/U wt. 23	35 klbs, S/O w	vt. 222 klbs, R/	Γ wt. 229 klbs.																		
		Avg. off b	ottom time = 1	14:23 mins/ stai	nd (Drill total 30 st	tands, Total off b	oottom time 07:1	1 hrs).															
		Note: - Ba	ack ream ever	y slide stands																			
		- Aft	ter 500 m, pur	np 30 bbls of 1.	.25 SG Hi-Weight	/Hi-Vis Xanthan	Gum pill every 2	2 stands															
		drilled.	•	•	J																		
			er 1000 m pi	ımp 40 bbls of	1.25 SG Hi-Weigh	nt/Hi-Vis Xanthai	n Gum pill every	2															
		stands dri	-	amp to bbic of	1.20 00 1 ii vvoigi	iorn vio mantina	r Guill pill Gvory	-															
				, book 5" DD 40	stands offline.																		
			•		/ID/ 982.30 mTVD																		
				· ·	y difficult to slide o	0 1																	
1 1		- Dis	splace hole wi	ith 1.12 SG PH	PA WBM while dri	lling at 1135 mM	1D/1114 mTVD o	lue to															
		difficult to	slide.																				
		- Slo	owly increase	MW to 1.20 SG	PHPA WBM whi	le drilling at 1159	9 mMD/1136 mT	VD. for															
1 1		hole stabi	-			Ü																	
			,																				
		00:0	00 05:00 05	erations ====																			
					040 4 4070 1	4D/4050 50 T	VD.																
					218 m to 1279 mN		VD.																
1 1		•	•		m left of the plan	•																	
				y slide stands																			
1 1		- Ob	serve very di	fficult to slide du	ue to hang up and	motor stall.																	
		- Pio	ck up and rack	k back 8-1/2" B	HA offline.																		
											Cum Du	r											
											24.00	_											
Operation	Summary						Personnel		Day Total	Cum to	Date	Mud	Total Mud	d Cum to [	Date Main	Stock							
		/D BHA to 2	74 m Pressure	test 13-3/8" casi	ng. RIH and wash do		Company	Qty	Day rotal	Came		1,,,,,,	. Star Wide	. 54111 10 1		Supply Item	Unit	Receive	Used	Stock			
					2-1/4" hole to 1218 m	· · ·	Company	-   G.I.	Supply Boats				Standby Boat			- 2001/1	-	1.000170	5504	0.000			
	TVD w/PAD		s and once. I of	101111 201. 21111 12	174 11010 10 12 10 11	IIVID/			Vessel Name	e Date a	arrival	Depart		l Name									
1		•																					
Well Statu	at 6:00 am	1																					
Drill 12-1/4" hole (Motor/MWD) to 1279 mMD/ 1252.50 mTVD.																							
Planned Operation									Variable Load														
Drill 12-1/4" hole to TD at +/- 1365 mMD/ 1331 mTVD. Circulate hole clean. POOH 12-1/4" BHA									Max Variable Load (kip)						ip)								
					" CSG cement job. I				max variable Edda (http)														
			or/MLWD BHA.		,				Weather Conditions														
			idents		Safety	Drills			Wave Height (r	n) Wave P	eriod (sec)	Wave D	Direction (°) Wir	nd Speed	(knots)								
602.00 da	ys without L	ost Time Ac	cident (LTA) PT	TEP	PJSM, JSA				1	1	. ,			•									
602.00 da	ys without L	ost Time Ac	cident (LTA) Rig	3	Safety drill				Wind Direction	(°) P Bai	r (mbar)	Current S	Speed (knots) Cur	rent Direc	tion (°)								
																		Pag	e 2 of	2			
																		_					