



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 (in²)	WOB (kip)	RPM (rpm)	Flow (L/min)	SPP (psi)	On Btm (ft-lbf)							
1NEW	1,218.00	1,359.00	141.00	9.50	14.8	1,002.00	28.50	35.2	12.250 in, NOV, DSFX519S-G9, A278428		1-3-BT-S-X-I-CT-TD	7x15	1.208	10/16	80/80	3,200	2,030.0	9,000/10,000							
Drillstring Assembly																									
BHA Run		BHA																							
1		12-1/4" PDC, 8" Motor G4 POB 1.5° Bend, 11-1/4" Motor Top Stabilizer, 6-3/4" HEL-IDS, 22 x 5" HWDP (Total length: 224.8 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	9:30	Drill 12-1/4" hole (Motor/MWD) from 1218 m to TD at 1359 mMD/ 1324.73 mTVD w/1.2 WBM. BHCT 49 degC at 1340 mMD/ 1308 mTVD Rotate: WOB 14-16 klbs, 3200 lpm, 1860-2030 psi, 80 rpm, 9-10 kft-lb Slide: WOB 10 klbs, 3200 lpm, 1750-2000 psi Rotate: 79 m/ 1.52 hrs, Avg. ROP = 51.97 m/hr Slide: 62 m/ 5.20 hrs, Avg. ROP = 11.92 m/hr P/U wt. 250 klbs, S/O wt. 224 klbs, R/T wt. 235 klbs. Avg. off bottom time = 21:43 mins/ stand (Drill total 6 stands, Total off bottom time 02:10 hrs). Well trajectory: 0.23 m below and 0.35 m right of the plan. Note: - Back ream every slide stands - Observe very difficult to slide due to hang up and motor stall . - Pick up and rack back 8-1/2" BHA offline. - Pick up and rack back 20 stds of 9-5/8" casing offline. - Top of 2D formation at 1240 mMD/ 1215.45 mTVD.							DRILL	Normal	9.50	1224.04	15.39	71.95	MWD	Gel/Polymer									
												1252.99	18.36	78.18	MWD	Mud Weight (sg)		ECD (sg)		Mud T (°C)					
												1281.94	22.25	80.97	MWD	1.20		35							
												1310.91	25.48	84.8	MWD	Initial (m³)		Added (m³)		Final (m³)					
												1339.86	26.27	85.03	MWD	336.15		21.01		357.16					
												1359	26.27	85.03	Projection to TD	Form. Gain (m³)		Form. Los. (m³)		Surf. Los. (m³)					
																0.00		0.00							
																YP (lbf/100ft²)		YS (lbf/100ft²)		PV (cp)		Marsh (s/qt)			
																18		15		42					
																pH		Pm (cc)		Pf (mL/mL)		Mf (mL/mL)			
				Ca++ (mg/L)		Mg++ (mg/L)		K+ (mg/L)		NaCl (mg/L)															
Summary/Remarks											KCl (mg/L)				Sand (%)		Solids (%)		CEC (me/hg)						
Actual / AFE Days = 7.94 / 33.73 days (-25.79 days)															0.2										
9:30	12:00	Pump 1st 100 bbls of 1.25 SG Hi-Weight/Hi-Vis Xanthan Gum pill sweep. Circulate until 1st sweep pill on surface. Pump 2nd 100 bbls of 1.25 SG Hi-Weight/Hi-Vis Xanthan Gum pill sweep. Circulate until 2nd sweep pill on surface. Drop carbide. Pump 3rd 100 bbls of 1.25 SG Hi-Weight/Hi-Vis Xanthan Gum pill sweep. Continue circulate hole clean with 1.20 SG PAC/PHPA WBM (3200 lpm, 1400 psi, 80 rpm, 5-6 kft-lbs). Note: - Hole size from 1st Hi-Vis sweep/2nd Hi-Vis sweep/3rd Hi-Vis sweep = 12.9"/13.1"/13.1" - Bottom up sample: 100% clay. - Hole size from Carbide (First/Peak/Average) = 12.92"/13.26"/13.09"							CIRC	All circulations at TD	2.50	Daily / Total NPT = 0.00 / 1.00 days (0.00 days w/o WOW)				Filt. (mL/30 m)				FC (32nd")		HPHT Filt. (mL)		HPHT FC (3	
												Total POB = 128													
												- No incident/accident													
												- DMAP Verification = No Issues all risk reduction verified													
												- SOC:130 (Positive: 128 and Hazard: 18)													
												- Next full BOP test: 28th Feb 2023													
												=== Tubular on derrick ===													
												- 115 stds of 5" DP and 9 stds of 5"HWDP													
												- 65 stds of 4" DP													
												- 6 Joints of 13-3/8"CSG.													
12:00	12:15	Flow check, hole static.							FLOWCHK	N/A	0.25														
12:15	13:45	POOH 12-1/4" BHA from 1359 m to 13-3/8" shoe at 356.5 m. Note: - No tight spot during POOH. - POOH speed 668 m/hr.							PULL BHA	Open Hole : Pull w/o pump	1.50														
13:45	14:00	POOH 12-1/4" BHA from 386.5 m to 225 m.							PULL BHA	Cased Hole : By Stand	0.25														
Operation Summary									Personnel		Day Total		Cum to Date		Mud Total		Mud Cum to Date		Main Stock						
Drill 12-1/4" hole(Motor/MWD) to TD at 1359 mMD/ 1324.73 mTVD. Circulate hole clean. POOH 12-1/4" BHA. RIH 9-5/8" CSG to 1306 m.									Company	Qty									Supply Item		Unit	Receive	Used	Stock	
									BHI	8	Supply Boats			Standby Boat			DIESEL		M3		10.0	203.0			
									BORR	89	Vessel Name		Date arrival	Depart	Vessel Name		BARITE BULK		MT	150.0	24.0	347.0			
									DMF	2	SC BONGKOT		09-Feb-2023		SC BONGKOT		CEMENT		MT	80.0		276.0			
Well Status at 6:00 am									EXLOG	5			14:30				WATER, DRILLING		M3		48.0	277.0			
Perform cement job.									HALIBURTON	4							WATER, POTABLE		M3	50.0	35.0	358.0			
Planned Operation									PTTEP	3															
Perform cement job. Install pack-off. M/U and RIH 8-1/2" Motor/MPWD/LWD BHA. WOC. Drill out shoe. Perform LOT. Drill 8-1/2" hole to TD at +/- 3478 mMD/ 3051 mTVD.									RUTLEDGE	1															
									SCOMI	4															
									WEFIC	1															
Accidents									Safety Drills																
603.00 days without Lost Time Accident (LTA) PTTEP									PJSM, JSA		WFT	6	Wave Height (m)		Wave Period (sec)		Wave Direction (°)		Wind Speed (knots)						
603.00 days without Lost Time Accident (LTA) Rig											WFT TRS	5	2.00		5		110		13						
													Wind Direction (°)		P Bar (mbar)		Current Speed (knots)		Current Direction (°)						
													110.00		1,009.0										

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DAILY DRILLING REPORT

PTTEP

TMA-13A

Field Name G2 / 61	Branch Name Original hole	Start Depth (m) 108.50	Company's Representatives Company Man	Casing OD (in) Depth (mMD/mTVD) 13.375 365.50 365.50		DATE: 09-Feb-2023 RPT #: 8
Rig SKALD	Phase 12-1/4" x 9-5/8"		Nithis Jamlongkaew Apisit Kumpanglong	Next : 9.625 in @ 1,355.30 m		Midnight Depth (mMD/mTVD) 1,359.00 1,324.73

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Drillstring Assembly																		
BHA Run	BHA																	

Time Log					
Start Time	End Time	Comment	Code	Sub Code	Dur (hr)
14:00	15:00	POOH 5" HWDP. Handle 12-1/4" BHA. Break out bit. R/B BHA.	R/B BHA	MWD only	1.00
15:00	15:15	Retrieve wear bushing.	WB	N/A	0.25
15:15	15:45	Hold PJSM. R/U 9-5/8" casing handling equipment.	R/U CSG	Side door elevator	0.50
15:45	16:00	Hold PJSM. P/U and M/U 9-5/8" shoe joint and collar joint. Test floats, ok.	CHEKFLOAT	N/A	0.25
16:00	18:30	RIH 9-5/8" 47# L80 HSM-2 casing to 356 m (by single). Note: - Average running speed 142 m/hr	RUNCSG CH	Single joint	2.50
18:30	21:45	RIH 9-5/8" 47# L80 HSM-2 casing from 356 m to 817 m (by single). Note: - Average running speed 142 m/hr	RUNCSG OH	Single joint	3.25
21:45	0:00	RIH 9-5/8" 47# L80 HSM-2 CSG from 817 m to 1306 m (by stand). Note: - Observe hang up at 1296 m, fill up casing and work string to pass until kelly down at 1306 m. - Average running speed 217 m/hr ==== 00:00 - 05:00 Operations ==== 00:00 - 00:45 hr Connect TDS and wash down 9-5/8" casing(1000 lpm, 480 psi) from 1306 to 1332 m with normal return. 00:45 - 01:30 hr Pick up 9-5/8" casing hanger with landing joint from derrick. Wash down to land 9-5/8" non-integral hanger with 64 klb landing weight. Note: - 9-5/8" Float shoe at 1355.3 mMD/1321.42 mTVD and float collar at 1341.5 m. - Total run 101 joints of 9-5/8" Casing 47# L80 HSM-2 R3 + 1 pup + 1 FC + 1 ECC. 01:30 - 02:45 hr Circulate bottom up prior to cement job (1000 lpm, 200-300 psi) with 1.20 SG WBM, no loss. 02:45 - 05:00 hr Break out gary tool. Rig up cement head and line. Cement unit flush line with seawater and pressure test line. Note: -Observe very difficult to break out gary tool from landing joint .	RUNCSG OH	Double joint	2.25
					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												
Perform cement job.												
Planned Operation												
Perform cement job. Install pack-off. M/U and RIH 8-1/2" Motor/MPWD/LWD BHA. WOC. Drill out shoe. Perform LOT. Drill 8-1/2" hole to TD at +/- 3478 mMD/ 3051 mTVD.												