


DAILY DRILLING REPORT

PT. GEO DIPa ENERGI (Persero)

3-Jun-23



OPERATOR		PT. GEO DIPa ENERGI (Persero)		CONTRACTOR		JV ADA - APS		REPORT NO. #		45	
WELL / PAD NAME		PTH-BB-9A-ST		FIELD		PATUHA		ENVIRONMENT		ONSHORE	
WELL TYPE / PROFILE		BIG HOLE / J-TYPE		LATITUDE / LONGITUDE		07° 10' 02.79" S / 107° 24' 57.29" E		GL - MSL (M)		1950 m-ASL	

GENERAL			DRILLING PARAMETERS			AFE		
Rig TYPE / NAME	LAND RIG / ARJUNA#88	AVERAGE WOB (24 HRS)	KLBS	AFE NUMBER / AFE COST	USD 4,848,056.67			
RIG POWER	HP	AVERAGE ROP (24 HRS)	M/HR	DAILY COST	USD 64,440.97			
KB ELEVATION	Meter	AVERAGE SURFACE RPM / DHM		% AFE / CUMULATIVE COST	105.2% USD 5,098,719.78			
MIDNIGHT DEPTH	Meter	ON / OFF BOTTOM TORQUE	KLBS-FT	DAILY MUD COST	USD 2,253.55			
PROGRESS	Meter	FLOWRATE / SPP	gpm/PSI	CUMULATIVE MUD COST	USD 375,125.77			
PROPOSED TD	Meter	AIR RATE	SCFM	PERSONNEL IN CHARGE				
SPUD DATE	19/04/2023 08:30:00	CORR. INHIB. / FOAM RATE	GPH	DAY / NIGHT DRILLING SUPV.	DRADJAT S. / ADI K.			
RELEASE DATE		PUW/SOW/ROTW	KLBS	DRILLING SUPERINTENDENT	BUDI SETIAWAN			
PLANNED DAYS	70	TOTAL DRILLING TIME	HRS	RIG SUPERINTENDENT	YANUAR GHOZALI			
DAYS f/ RIG RELEASE		TON MILES	850.0	DRILLING ENGINEER	EKA DAYA SAMUDERA			
				HSE SUPERVISOR	HERDEDI			

24 HOURS SUMMARY

M/U and RIH Taper Tap from surface to 849.7 mMD, fishing jobs, POOH Taper Tap from 849.7 mMD to surface (no fish), RIH Taper Tap from surface to 850.12 mMD, fishing jobs, POOH BHA #23 Taper Tap Fishing Tool from 850.57 mMD to surface (success/got fish), RIH BHA #24 (Milling) from surface to 558 mMD

24 HOURS FORECAST

Cont BHA milling to 851.5 mMD, milling from 851.5 to 857 mMD, DOF from 857 to 865 mMD

STATUS 05:00 Hrs 4-Jun-23

Milling (open window 13-3/8" casing) at 852.80 mMD

SAFETY PERFORMANCE		HOURS RECORD		HSE		HAZARD MANAGEMENT		EMERGENCY DRILLS	
Nearmiss		KM Hrs Light Vehicle	126	JSA/HIRA	13	H2S Drill	18-Apr-23		
Incidents		KM Hrs Heavy Equipment	24	PTW	13	BOP Drill/ Kick Drill			
Last MTI		Total Daily Personnel	200	Pre Tour Meeting	2	Fire Drill	17-Apr-23		
Last LTI		Daily Safe Manhours / Cum Safe Manhours	2,400/1,416.040	Observation Card	203	Trip Drill			
Days w/out LTI	611.00	DWLT Since	1-Oct-21	Safety Inspection/ Training	17/2	Medivac Drill	17-Apr-23		

ACCIDENT/ INCIDENT SUMMARY

N/A

SAFETY ISSUES

N/A

ENVIRONMENTAL RECORD		OCCUPATIONAL HEALTH RECORD	
Domestic Waste (m3)	4	Fit for duty / MCU (person)	92/0
Hazardous Waste/B3 (kg)		Clinic Visit	6
Spill Incidents (barrels)		Number of Work Related Illnesses	
Enviro/ Community Issu		Cummulative 24 Hrs	
		Occupational Health Issue	

TIME BREAKDOWN

OPERATIONS FOR PERIOD 00:00 TO 24:00 HRS O/ Sat, 3-Jun-23

TIME, HH:MM	START	END	ELAPSED	DEPTH	PT/NPT	CODE	DESCRIPTION	OPERATIONS			
	0:00	3:00	3.0	851.5	PT	19a	Fishing Operations	M/U and RIH Taper Tap from surface to 849.7 mMD (Taper Tap 4-1/2" - 2-1/4" + X/O + 3x8" DC + X-Over Sub (6-5/8 RegPx4-1/2 Reg B) + 24x5" HWDP) - Fill Up string every 10 std			
	3:00	3:30	0.5	851.5	PT	19a	Fishing Operations	Check data : At 826 m: - Check P/U Weight 119 klbs S/O Weight 103 klbs, Rotate Weight 110 klbs, Rotate 5-10 RPM / 4-5 Klbs.ft - Pumping with FR 154 gpm SPP 200 psi, FR 303 gpm SPP 400 psi At 845 m without pumping - Check P/U Weight 120 klbs S/O Weight 103 klbs, Rotate Weight 110 klbs, Rotate 20 RPM / 3 Klbs.ft - RPM 10, record torque 2.8 klbsft, RPM 20, record torque 2.9 klbsft			
	3:30	5:30	2.0	851.5	PT	19a	Fishing Operations	Fishing jobs (Full return) : - Attempt to lach fish with pumping with 100 GPM, SPP increase from 163 to 194 psi, rotate string 5-10 RPM, tagged 5-10 klbs and then pull string, pressure drop (several time), unsuccess - Attempt to lach fish with pumping with 100 GPM, SPP increase from 163 to 194 psi, without rotate, tagged 5-10 klbs and then pull string, pressure drop (several time), unsuccess - Swept 40 bbls Hivis, no cutting - Jetting with 600 GPM, SPP 1050 Psi while Attempt to lach fish, SPP increase from 1050 to 1500-1800 psi rotate string 5-20 RPM, tagged 5-11 klbs and then pull string, pressure drop (several time), unsuccess - Attempt to lach fish with pumping with 100 GPM, SPP increase from 163 to 194 psi, rotate string 25-30 RPM, tagged 15 klbs and then pull string, pressure drop (several time), unsuccess			
	5:30	8:30	3.0	851.5	PT	19a	Fishing Operations	POOH Taper Tap from 849.7 mMD to surface - Check Taper Tap at surface, got scratch at upper tool joint taper tap - Add cutting metal 5.9 kg - Cumulative Cutting metal casing = Total 18.7 kg			
	8:30	12:30	4.0	851.5	PT	19a	Fishing Operations	Prepare, M/U and RIH Taper Tap from surface to 850.12 mMD (Taper Tap 6-5/8" - 2-7/8" + X/O + 12.25" Water melon + JAR + 3x8" DC + X-Over Sub (6-5/8 RegPx4-1/2 Reg B) + 24x5" HWDP)			
	12:30	13:00	0.5	851.5	PT	19a	Fishing Operations	At 835 mMD check parameters : Check P/U Weight 125 klbs S/O Weight 105 klbs, Rotate Weight 115 klbs, Rotate 5-10 RPM / 4-5 klbs.ft. Pumping with FR 105 gpm SPP 177 psi			
	13:00	14:00	1.0	851.5		19a	Fishing Operations	Fishing jobs : - Attempt to lach fish at 849.5 to 850.15 mMD with 5 klbs, pressure increase from 168 psi to 252 psi, pick up and pressure drop to 167 psi. - Pull out to 847 mMD increase flowrate to 600 gpm and jetting down to 850.57 mMD and pump 40 bbls Hivis - Attempt to lach fish 2X, no indication lach - Re - Work Taper Tap to lach fish with rotate 5 RPM and sitdown weight 5 klbs, indication : Torque increase from 3 to 6 klbsft, pressure increase from 177 psi to 273 psi, drag and over weight 1-2 klbs			
	14:00	18:30	4.5	851.5	PT	19a	Fishing Operations	Continue POOH BHA #23 Taper Tap Fishing Tool from 850.57 mMD to surface, success got fish (12.25" Silver Black Window Mill + 11.875" part of body lower water melon mill, total length 1.7 mtr) - POOH speed 5 minutes per stand - Break out and L/D fish (12.25" Silver Black Window Mill + 11.875" part of body lower water melon mill, total length 1.7 mtr) - L/D fishing tools Baker			
	18:30	24:00	5.5	851.5	PT	6d	Trip in / out Drilling BHA	Prepare, M/U, RIH BHA #24 (Milling) from surface to 558 mMD (12.25" Silver Black Window Mill s/n 14532367 + 11.875" Lower Watermelon Mill + 7.068" Flex Joint + 12.25" Upper Watermelon Mill + 1x8" DC + Float Sub + 8" PONY NMD C + 8" HOS+6x8" DC + X-Over Sub (6-5/8 RegPx4-1/2 Reg B) + 24x5" HWDP) - Shallow test MWD mud pulse at 104 MD with FR 640 gpm, SPP 660-680 psi - B/O and L/D 4 jts 5" HWDP, P/U 3 jtd new 5" HWDP - Break out circulation at 300 mMD, Ok Estimated Mud Loss (24 Hrs) : ± 0 Bbls. Estimated Cumulative Mud Loss : ± 19291 Bbls Estimated Water Loss (24 Hrs) : ± 0 Bbls. Estimated Cumulative Water Loss : ± 100188 Bbls			
	TOTAL HRS			24.0							

OPERATIONS FOR PERIOD 00:00 TO 05:00 HRS ON Sun, 4-Jun-2023

TIME, HH:MM	START	END	ELAPSED	DEPTH	PT/NPT	CODE	DESCRIPTION	OPERATIONS
	0:00	2:00	2.0	851.5	PT	6d	Trip in / out Drilling BHA	Continued RIH BHA #24 (Milling) from 558 to 850.5 mMD, tagged 10 klbs - Check P/U,R/O and S/O at 848 mMD 140/124/113 klbs
	2:00	2:30	0.5	851.5	PT	5a	Circulate / Condition Mud	Circulated hole clean while working pipe from 848 mMD to 850.5 mMD with FR 650 gpm, SPP 730 psi - Swept Hi-Visc 50 bbls at 850 mMD, full return
	2:30	5:00	2.5	852.8	PT	20b	Mill / Cut Window c/w Mill Bit	Milling from 850.5 mMD to 852.80, Avg ROP 1.2 m/hr. Parameter WOB 3-5 klbs, FR 650 gpm, SPP 650 psi, RPM 60, Tq 2-7 klbsft, Temp In/Out : 40/53°C, Full return - Light reaming 850.5-851.5 mMD Cutting Sample: - 851.3 mMD: 95% gram metal, 5% semen - 851.6 mMD: 95% gram metal, 5% semen - 852.1 mMD: 80% gram metal, 20% semen - Swept Hi-Visc 30 bbls at 852 mMD

GENERAL COMMENTS

Progress Activity: 58%

KOP: 166 mMD

Estimated Mud Loss (24 Hrs) : ± 0 Bbls.
Estimated Cumulative Mud Loss : ± 19291 Bbls
Estimated Water Loss (24 Hrs) : ± 0 Bbls.
Estimated Cumulative Water Loss : ± 100188 Bbls

NPT Record
Rig Bundling Total NPT Record on April 2023 : Cumm 5 hrs
Rig Bundling Total NPT Record on May 2023 : 17 hrs

NPT Stuck Pipe : Cumm 54.5 Hrs
NPT Reaming Unplanned : Cumm 109 hrs

SIGNATURE REPORTED BY

DRADJAT S.

DRILLING SUPERVISOR

YANUAR GHOZALI

RIG SUPERINTENDENT

