


PT Geo Dipa Energi (Persero)

DAILY DRILLING REPORT
PT. GEO DIPa ENERGI (Persero)
23-Jul-22



OPERATOR		PT. GEO DIPa ENERGI (Persero)		CONTRACTOR		JV ADA - APS		REPORT NO. #		28	
WELL / PAD NAME		PTH-G-4C		FIELD		PATUHA		ENVIRONMENT		ONSHORE	
WELL TYPE / PROFILE		BIG HOLE / J-TYPE		LATITUDE / LONGITUDE		7° 10' 16.711 S / 107° 25' 9.968 E		GL - MSL (M)		1968 m-ASL	

GENERAL		BIG HOLE / J-TYPE		DRILLING PARAMETERS		AFE	
Rig TYPE / NAME	LAND RIG / ARJUNA#88	AVERAGE WOB (24 HRS)	KLBS	20		AFE NUMBER / AFE COST	
RIG POWER	HP	AVERAGE ROP (24 HRS)	M/HR	23.70		DAILY COST	
KB ELEVATION	Meter	AVERAGE SURFACE RPM / DHM		50-52/135-137		% AFE / CUMULATIVE COST #DIV/0!	
MIDNIGHT DEPTH	Meter	ON / OFF BOTTOM TORQUE	KLBS-FT	10.9 / -		DAILY MUD COST	
PROGRESS	Meter	FLOWRATE/ SPP	gpm/PSI	400-405 / 1.350-1.450		CUMULATIVE MUD COST	
PROPOSED TD	Meter	AIR RATE	SCFM	2000		PERSONNEL IN CHARGE	
SPUD DATE	25-Jun-22, 12:00	CORR. INHIB./ FOAM RATE	GPH	4/10		DAY/ NIGHT DRILLING SUPV.	
RELEASE DATE		PUW/SOW/ROTW	KLBS	192 / 130 / 152		DRILLING SUPERINTENDENT	
PLANNED DAYS	48	TOTAL DRILLING TIME	HRS	11		RIG SUPERINTENDENT	
DAYS f/ RIG RELEASE		TON MILES		725.0		DRILLING ENGINEER	
						HSE SUPERVISOR	

24 HOURS SUMMARY

Drill out 12-1/4" formation from 1229 mMD to 1471 mMD. Got TLC at 1471 mMD. Continue to drill out 12-1/4" formation from 1471 to 1479 mMD. Attempt to clean out the high torque spot at 1473-1479 mMD.

24 HOURS FORECAST

Continue drill out 12-1/4" formation to est. casing point at 1600 mMD

STATUS 05:00 Hrs 24-Jul-22

Attempt to release stuck pipe at depth 1448 mMD

SAFETY PERFORMANCE		HOURS RECORD		HAZARD MANAGEMENT		EMERGENCY DRILLS	
Nearmiss	1.0	KM Hrs Light Vehicle	79	JSA/HIRA	9	H2S Drill	19-Jun-22
Incidents	1.0	KM Hrs Heavy Equipment	78	PTW	9	BOP Drill/ Kick Drill	26-Jun-22
Last MTI	-	Total Daily Personnel	192	Pre Tour Meeting	2	Fire Drill	7-Jun-22
Last LTI	-	Daily Safe Manhours / Cum Safe Manhours	2,304/675,036	Observation Card	293	Trip Drill	26-Jun-22
Days w/out LTI	296.00	DWLT Since	1-Oct-21	Safety Inspection/ Training	12	Medivac Drill	26-Jun-22

ACCIDENT/ INCIDENT SUMMARY		SAFETY ISSUES	
N/A		N/A	

ENVIRONMENTAL RECORD		OCCUPATIONAL HEALTH RECORD	
Domestic Waste (m3)	4	Hazardous Waste (kg)	90
Hazardous Waste/B3 (kg)		Drill Cutting Vol (jumbo bag)	45
Spill Incidents (barrels)		Other (BB)	
Enviro/ Community Issue		Cummulative 24 Hrs	
		Fit for duty / MCU (person)	90
		Clinic Visit	5
		Number of Work Related Illnesses	
		Occupational Health Issue	

OPERATIONS FOR PERIOD 00:00 TO 24:00 HRS ON Sat, 23-Jul-22

TIME, HH:MM			DEPTH	PT/NPT	CODE	DESCRIPTION	OPERATIONS
START	END	ELAPSED					
0:00	19:30	19.5	1,471	PT	2a	Drilling Formation	Drill out formation 12.25" Hole (Rotate/Slide) from 1229 mMD to 1471 mMD/1316.56 mTVD. Full return. - Parameter : WOB 29-40 Klbs, FR 900-907 gpm, SPP 2089-2350 psi, RPM/M 0-52/151-154, TQ 0-11.5 Klbs.ft, MW In/Out : 8.5/8.5 ppg, Avg. ROP : 22.5 m/hrs. - Bit Hrs : 19.73 Hrs, Krev OB/Tot : 223.1 / 433.2. Temp In/Out : 71/74 deg°C. - Mud Motor Hours : 45.1 hrs. Jar Hours : 45.1 hrs. - Percentage Rotate/Slide : Rotate (89 %) : 215 m, 8.91 hrs, 24.1 m/hrs. Slide (11%) : 27 m, 1.88 hrs, 14.4 m/hrs, (1233-1240, 1262-1273, 1295-1301, 1320-1323) mMD. - Lithology:@ 1457 mMD : Lithic coarse pyroclastic Last MeB @ 1457 mMD : 7 % - Last survey : Depth 1413.52 mMD, 1270.68 mVD, Inc 37.05 deg, Azm 258.99 deg, CtoC : 12.15 m, 12.12 m Above, 0.88 m right of plan, Distance to PTH-G-4B = 297.88 m, DLS : 0.703 BHT : 79 Last R/L/S/O P/W @ 1418 m : 192/130/157 Klbs
19:30	20:30	1.0	1,471	PT	5a	Circulate / Condition Mud	Got TLC at 1471 mMD. Prepared for drill with Aerated. - Pump with 600 gpm, SPP 1650 psi. ADP 1675 psi. SCFM 1000-2000, Foam/Corr.Inhibitor 6-10 / 4 gph.
20:30	21:00	0.5	1,479	PT	2a	Drilling Formation	Drill out formation 12.25" Hole with Aerated Water (Rotate) from 1471 mMD to 1479 mMD/1323.19 mTVD. TLC-Intermittent. - Parameter : WOB 27-33 Klbs, FR 405 gpm, SPP 1350-1450 psi, RPM/M 50-52/135-137, TQ 9.8-10.9 Klbs.ft, MW In/Out : 8.5/8.5 ppg, Avg. ROP : 20 m/hrs. ADP 1365-1475 psi, SCFM 2000, Foam/Corr.Inhibitor 10/4 gph. - Bit Hrs : 20.1 Hrs, Krev OB/Tot : 227.3 / 471.6. Temp In/Out : 71/74 deg°C. - Mud Motor Hours : 49.6 hrs. Jar Hours : 49.6 hrs. - Cooling Tower On (20.50 WIB). Got stuck pipe at 1448 mMD in 24 Klbs.ft
21:00	0:00	3.0	1,479	NPT	3b	Wash / Reaming / Backreaming Unplanned	Back reaming from 1479 mMD to 1469 mMD with FR 400-600 gpm, SPP 1350-1575 psi, RPM/M 26/101, TQ reading 21.3-33.5 Klbs.ft. ADP 1395-1670 psi, SCFM 2000-2200, Foam/Corr.Inhibitor 12-18/4 gph. - String stall at 1473 mMD, TQ to 33.5 Klbs.ft. - Pump 50 Bbls Hi-vis + 1% Lubricant and 300 Bbls Mud + 1% Lubricant at 1469 mMD.
TOTAL HRS		24.0					

OPERATIONS FOR PERIOD 00:00 TO 05:00 HRS ON Sun, 24-Jul-2022

TIME, HH:MM			DEPTH	PT/NPT	CODE	DESCRIPTION	OPERATIONS
START	END	ELAPSED					
0:00	3:00	3.0	1,479	NPT	3b	Wash / Reaming / Backreaming Unplanned	Continue back reaming from 1469 mMD to 1451 mMD with FR 600 gpm, SPP 1795 psi, RPM/M 30/119, TQ reading 20.8-35.4 Klbs.ft. ADP 1850 psi, SCFM 2000, Foam/Corr.Inhibitor 18/4 gph. - String stall at 1453 mMD TQ to 30.2 Klbs.ft, - Cooling Tower Off (01:10 WIB). - Pump 50 Bbls Hi-vis + 1% Lubricant and 265 Bbls Mud + 1% Lubricant + 3% KCL at 1460 mMD. - Pump 100 Bbls Hi-vis + 1% Lubricant at 1451 mMD before rack back 1 stand 5" DP.
3:00	3:30	0.5	1,479	NPT	3b	Wash / Reaming / Backreaming Unplanned	Continue back reaming from 1451 mMD to 1448 mMD with FR 400-600 gpm, SPP 1430-1550 psi, RPM/M 35/127, TQ reading 20.8-35.4 Klbs.ft. ADP 1480-1850 psi, SCFM 2000-2200, Foam/Corr.Inhibitor 18/4 gph. - Rack back 1 stand 5" DP and P/U 1 joint 5" DP. - String stall at 1449 mMD TQ to 35.4 Klbs.ft, - Got stuck pipe at 1448 mMD
3:30	5:00	1.5	1,479	NPT	2j	Stuck Pipe Include Handling operations	Attempt to free the stuck pipe at 1448 mMD. - Pump 50 Bbls Hi-vis + 1% Lubricant + 3% KCL and 200 Bbls Hi-vis + 1% Lubricant + 3% KCL at 1448 mMD. - Pump with FR 400 gpm, SPP 1435 psi, RPM/M 0/83, ADP 1480 psi, SCFM 2200, Foam/Corr.Inhibitor 18/4 gph.

Crawler Crane Sumitomo	50T	APS	PPL-04	