



OPERATOR	PT. GEO DIPA ENERGI (Persero)		CONTRACTOR	JV ADA - APS		REPORT NO. #	29
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			DRILLING PARAMETERS				AFE
Rig TYPE / NAME	LAND RIG / ARJUNA#88		AVERAGE WOB (24 HRS)	KLBS	0	AFE NUMBER / AFE COST	
RIG POWER	HP	1,500	AVERAGE ROP (24 HRS)	M/HR	0.00	DAILY COST	
KB ELEVATION	Meter	11.00	AVERAGE SURFACE RPM / DHM		50-52/135-137	% AFE / CUMULATIVE COST	63.1%
MIDNIGHT DEPTH	Meter	1479	ON / OFF BOTTOM TORQUE	KLBS-FT	- / 35	DAILY MUD COST	
PROGRESS	Meter	0	FLOWRATE/ SPP	gpm/PSI	250-600 / 1.230-1.795	CUMULATIVE MUD COST	
PROPOSED TD	Meter	2150	AIR RATE	SCFM	2000-2500	PERSONNEL IN CHARGE	
SPUD DATE	25-Jun-22, 12:00		CORR. INHIB./ FOAM RATE	GPH	4-6/18-25	DAY/ NIGHT DRILLING SUPV.	
RELEASE DATE			PUW/SOW/ROTW	KLBS	162-183 / - / -	DRILLING SUPERINTENDENT	
PLANNED DAYS	48		TOTAL DRILLING TIME	HRS	0	RIG SUPERINTENDENT	
DAYS f/ RIG RELEASE			TON MILES		747.0	DRILLING ENGINEER	
						HSE SUPERVISOR	
24 HOURS SUMMARY			Continue back ream from 1469 mMD to 1448 mMD. Attempt to free stuck pipe at 1448 mMD. Attempt to clean out the high torque spot at 1473-1479. Hard back ream from 1430 to 1402 mMD. Attempt to free the stuck pipe at 1402 mMD.				
24 HOURS FORECAST			Continue attempt to freeing the stuck pipe, POOH string to surface.				
STATUS 05:00 Hrs	25-Jul-22	Attempt to release stuck pipe at depth 1402 mMD					

HSE							
SAFETY PERFORMANCE		HOURS RECORD		HAZARD MANAGEMENT		EMERGENCY DRILLS	
Nearmiss	1.0	KM Hrs Light Vehicle	129	JSA/HIRA	6	H2S Drill	19-Jun-22
Incidents	1.0	KM Hrs Heavy Equipment	15	PTW	6	BOP Drill/ Kick Drill	26-Jun-22
Last MTI	-	Total Daily Personnel	199	Pre Tour Meeting	2	Fire Drill	7-Jun-22
Last LTI	-	Daily Safe Manhours / Cum Safe Manhours	2,388/677,436	Observation Card	143	Trip Drill	26-Jun-22
Days w/out LTI	297.00	DWLT Since	1-Oct-21	Safety Inspection/ Training	16	Medivac Drill	26-Jun-22

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

ENVIRONMENTAL RECORD			OCCUPATIONAL HEALTH RECORD	
Domestic Waste (m3)	0	Hazardous Waste (kg)	Fit for duty / MCU (person)	90
Hazardous Waste/B3 (kg)		Drill Cutting Vol (jumbo bag)	Clinic Visit	6
Spill Incidents (barrels)		Other (BB)	Number of Work Related Illnesses	
Enviro/ Community Issue		Cummulative 24 Hrs	Occupational Health Issue	

TIME BREAKDOWN

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

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 ream 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, 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 ream 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	8:30	5.0	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, 200 Bbls Hi-vis + 1% Lubricant + 3% KCl at 1448 mMD. - Pump with FR 300-400 gpm, SPP 1230-1435 psi, RPM/M 0/83, ADP 1480 psi, SCFM 2200, Foam/Corr.Inhibitor 18-22/4-6 gph. - Tension string at several times with 255 Klbs and make torque 30 Klbs.ft - Position weight 152 klbs due heating up (06:00-07:00 WIB) - Pump 100 Bbls Hi-vis + 1% Lubricant + 3% KCl, 300 Bbls Mud + 1% Lubricant + 3% KCl at 1450 mMD. - String can rotate, torque 18-26 Klbs.ft with RPM 38-42 (08:15 WIB).
8:30	15:00	6.5	1,479	NPT	2j	Stuck Pipe Include Handling operations	Attempt to clean out the high torque spot at 1448-1430 mMD. - 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. ADP1395-1670 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
15:00	19:30	4.5	1,479	NPT	3b	Wash / Reaming / Backreaming Unplanned	Hard back ream from 1430 mMD to 1402 mMD with FR 250-300 gpm, SPP 1420-1575 psi, RPM/M 35-60/73-119, TQ 26.1-35.5 Klbs.ft, SCFM 2500, ADP 1480-1655 psi, Foam/Corr.Inhibitor 25-26/6 gph. - Swept 100 bbls Hi-Vis + 1% Lubricant + 3% KCl @ 1413 mMD - Swept 100 bbls Hi-Vis + 1% Lubricant + 3% KCl, 300 Bbls Mud + 1% Lubricant + 3% KCl at 1409 mMD. - Stuck pipe at 1402 mMD.
19:30	0:00	4.5	1,479	NPT	2j	Stuck Pipe Include Handling operations	Attempt to free the stuck pipe at 1402 mMD. - Pump with FR 300 gpm, SPP 1530 psi, sometimes rotate with RPM/M 30/83, TQ 25.7-34.3 Klbs.ft, SCFM 2500, ADP 1480-1655 psi, Foam/Corr.Inhibitor 25-26/6 gph. - Swept 300 Bbls Mud + 1% Lubricant + 3% KCl, 150 Bbls Mud + 3% KCl, 200 Bbls Water + 100 Bbls Hi-vis + 1% Lubricant + 3% KCl at 1402 mMD. - Position weight 150 Klbs due heating up (22:00-23:15 WIB) Temp.BHT increase from 34 deg °C to 91 deg °C. - Pump water through string with FR 300 gpm. - Tension string to 270 Klbs due heating up (23:45-24:00 WIB).
TOTAL HRS		24.0					

OPERATIONS FOR PERIOD 00:00 TO 05:00 HRS ON						Mon, 25-Jul-2022
00:00	00:05	00:10	00:15	00:20	00:25	00:30
00:35	00:40	00:45	00:50	00:55	01:00	01:05
01:10	01:15	01:20	01:25	01:30	01:35	01:40
01:45	01:50	01:55	02:00	02:05	02:10	02:15
02:20	02:25	02:30	02:35	02:40	02:45	02:50
02:55	03:00	03:05	03:10	03:15	03:20	03:25
03:30	03:35	03:40	03:45	03:50	03:55	04:00
04:05	04:10	04:15	04:20	04:25	04:30	04:35
04:40	04:45	04:50	04:55	05:00		

TIME, HH:MM			DEPTH	PT/NPT	CODE	DESCRIPTION	OPERATIONS
START	END	ELAPSED					
0:00	5:00	5.0	1,479	NPT	2j	Stuck Pipe Include Handling operations	Attempt to free the stuck pipe at 1402 mMD. - Tension string to 270 Klbs due heating up (00:00-00:45 WIB). Pump water through string with FR 300 gpm for cooling down MWD tools. - Tension string to 275 Klbs due heating up (01:00-02:00 WIB). Pump water through string with FR 300 gpm for cooling down MWD tools. - Tension string to 270 Klbs due heating up (02:30-03:30 WIB). Pump 200 Bbls Mud + 3% KCL through string with FR 100 gpm, SPP 1595 psi, rotate for 10 minutes @ 33 RPM.

