

DAILY DRILLING REPORT PT. GEO DIPA ENERGI (Persero)



PT Geo Dipa Energi (Persero)			25-Jul-22									
OPERATOR		PT. GEO DIPA ENERGI (Pe	ersero)	CONTRACTOR	REPORT NO. #	30							
WELL/ PAD NAME		PTH-G-4C		FIELD	FIELD PATUHA								
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					
	GEN	IERAL		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	33/45	% AFE / CUMULATIVE COS	T 64.7%						
MIDNIGHT DEPTH	Meter	1479	ON / OFF BOTTOM TORQUI	E KLBS-FT	- / 28.3-34.2	DAILY MUD COST							
PROGRESS	Meter	0	FLOWRATE/ SPP	gpm/PSI		CUMULATIVE MUD COST							
PROPOSED TD	Meter	2150	AIR RATE	SCFM	1000-2700								
SPUD DATE		25-Jun-22, 12:00	CORR. INHIB./ FOAM RATE			DAY/ NIGHT DRILLING SU		SUBUR A / WAWAN G S					
RELEASE DATE			PUW/SOW/ROTW	KLBS		DRILLING SUPERINTENDER	TV	BUDI SETIAWAN					
PLANNED DAYS		48	TOTAL DRILLING TIME	HRS		RIG SUPERINTENDENT		NISAR JAHRI					
DAYS f/ RIG RELEASE			TON MILES		747.0	DRILLING ENGINEER		EKA DAYA SAMUDERA					
						HSE SUPERVISOR		DIAZ PRIMADITYA					
24 HOURS SUMMARY		Attempt to release stuck pipe at depth 14	02 mMD										
24 HOURS FORECAST		Continue attempt to freeing the stuck pipe	ipe, POOH string to surface.										
STATUS 05:00 Hrs	26-1ul-22	Attempt to release stuck nine at depth 14	02 mMD	WD.									

SAFETY PERFORMANCE HAZARD MANAGEMENT HOURS RECORD EMERGENCY DRILLS HOURS RECORD

KM Hrs Light Vehicle

KM Hrs Heavy Equipment

Total Daily Personnel

Daily Safe Manhours / Cum Safe Manhours

DWLTI Since

ACCIDENT/ INCIDENT SUMMARY H2S Drill
BOP Drill/ Kick Drill
Fire Drill
Trip Drill 19-Jun-22 26-Jun-22 7-Jun-22 26-Jun-22 JSA/HIRA Nearmiss Incidents 1.0 10 PTW
Pre Tour Meeting
Observation Card 1.0 Last MTI Last LTI 163 298.00 Safety Inspection/ Training Medivac Drill
SAFETY ISSUES 26-Jun-22 Days w/out LTI

N/A

	ENVIRO	MENTAL RECORD	OCCUPATIONAL HEALTH RECORD								
Domestic Waste (m3)	4	Hazardous Waste (kg)		Fit for duty / MCU (person)	90						
Hazardous Waste/B3 (kg)		Drill Cutting Vol (jumbo bag)	0	Clinic Visit	7						
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 Mon, 25-Jul-22

N/A

TIME	, нн:мм		DEPTH PT/NPT CODE DESCRIPTION OPERATIONS				
START	END	ELAPSED	DEFIN	FI/MFI	CODE	DESCRIPTION	OPERATIONS
0:00	6:00	6.0	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 a while with RPM/M 33/45, TQ reading 28.3-34.2 Klbs.ft. - Aerated parameter : SCFM Z500, ADP 2165 psi, Foam/Corr.Inhibitor 25/6 gph.
6:00	13:00	7.0	1,479	NPT	2 <u>j</u>	Stuck Pipe Include Handling operations	Attempt to free the stuck pipe at 1402 mMD. Heat up to 106°C while tension pipe to 280 Klbs. Cooling down with 100-200 gpm, no movement. Work pipe 280 Klbs tension to 100 Klbs set down for several times. Torque up at 155 Klbs, set down to 125-100 Klbs, pull to 200 Klbs for several times. Perform work pipe for several times with those various parameters, unsuccess. - Increase flow rate to 600-800 gpm to rotate the mud motor, while reduce air rate to 1000 SCFM, work pipe again with various parameters, unsucces. - Currently we heat up again while put pipe on tension 280 Klbs, pipe move 10 cm while heating up. - Aerated parameter: SCFM 2500, ADP 2170 psi, Foam/Corr.Inhibitor 25/6 gph.
13:00	15:00	2.0	1,479	NPT	2j	Stuck Pipe Include Handling operations	Attempt to free the stuck pipe at 1402 mMD. Perform Jarring Action. - Attempted to jar down, put the string down to set down weight 75 Klbs, jar did not fire. Repeat attempts several times down to 50 Klbs set down weight, no success, jar did not fire. - Attempted to jar up, pull string up to 290 Klbs, wait 35 secs, jar did not fire. Repeat attempts several times to jar up, pull string up to 325-350 Klbs, wait 1-2 minutes, jar did not fire. - Aerated parameter: SCFM 2500, ADP 2130 psi, Foam/Corr.Inhibitor 25/6 gph.
15:00	18:00	3.0	1,479	NPT	2j	Stuck Pipe Include Handling operations	Attempt to free the stuck pipe at 1402 mMD. Working pipe interval 1402 mMD with 300 Klbs tension to 100 Klbs set down for several times, FR 300 gpm, SPP 1700 psi, SCFM 2500, ADP 1770 psi. Increase tension gradually to 400 Klbs. - Break out and L/D 1 jts 5" DP (to avoid friction of drilling line with drawwork). - Aerated parameter: SCFM 2500, ADP 1770 psi, Foam/Corr.Inhibitor 25/6 gph.
18:00	0:00	6.0	1,479	NPT	2j	Stuck Pipe Include Handling operations	Attempt to free the stuck pipe at 1402 mMD. Working pipe interval 1402 mMD with 360 Klbs tension to 100 Klbs set down for several times, FR 200 gpm, SPP 1570 psi, SCFM increase to 2700, ADP 1675 psi Tension string 350 Klbs. Increase to 400 Klbs due heating up (19:00-20:30 WIB). Pump through string with FR 100 gpm for cooling down MWD tools Set down weight to 75 Klbs due heating up (22:00-23:00 WIB). Tension string gradually to 400 Klbs. Pump through string with FR 100 gpm for cooling down MWD tools Aerated parameter: SCFM 2700, ADP 1675 psi, Foam/Corr.Inhibitor 25/6 gph. Notes: Average increase Temp.BHT while heating up 65 °C to 105 °C.
TOTAL	HRS	24.0			1	ı	

OPERATIONS FOR PERIOD 00:00 TO 05:00 HRS ON Tue, 26-Jul-2022	OPERATIONS	FOR PERIOD	00:00 TO 05:00	HRS ON	Tue, 26-Jul-2022
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TIMI	, нн:мм		DERTII	PEPTH PT/NPT CODE DES		DESCRIPTION	OPERATIONS
START	END	ELAPSED	DEPIH	PI/NPI	CODE	DESCRIPTION	OPERATIONS
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 400 Klbs due heating up (00:00-01:30 WIB). Pump through string with FR 100 gpm for cooling down MWD tools. - Tension string 400 Klbs due heating up (02:45-04:00 WIB). Set down weight to 75 Klbs. Pump through string with FR 100 gpm for cooling down MWD tools while working pipe interval 1401-1402 mWD with 400 Klbs tension to 75 Klbs set down for several times. Rotate for several times with RPM/M 35/46, TQ 13.8-24.9 Klbs.ft. - Aerated parameter : SCFM 2700, ADP 2205 psi, Foam/Corr.Inhibitor 25/6 gph. Notes : Average increase Temp.BHT while heating up 65 °C to 104 °C.

GENERAL COMMENTS													SIGNATURE									
Progress activity : 23	96	GLIV	E						REPORTED BY AC						WLEDGE	D BY		APPRO	VED BY			
Note: Estimated Mud Loss (05 Hrs): ± 0 Bbls. Estimated Cumulative Mud Loss: ± 20867 Bbls Estimated Water Loss (05 Hrs): ± 329 Bbls. Estimated Cumulative Water Loss: ± 265085 Bbls. Monitor WHP at well PTH-G-4B: 600 psi at wing valve & 0 psi at crown valve.																						
Monitor WHP at well	PTH-G-4B: 600	psi at wing	y valve &	0 psi at cı	rown valve	e.																
Record NPT - NPT Sperry 0 hrs / Cur	n 20 hrs (2.8%)																					
 NPT Wash / Reaming / NPT Stuck 24 hrs / Cui 	Backreaming Unp		s / Cum 36	5 hrs (4.9%	b)					SUBUR	t A			NISA	AR JAHF	ei.	АКНМА	AD RYAN	N SURY	ANSYAH		
- NPT Total 24 hrs / 0	Cum 96.5 hrs (1									DRILLING SUPERVISOR RIG SUPERINTENDENT PI								CT MANA	AGER PA	TUHA 2		
Bit Number		9 RR4		10				BHA#9 OD		Length			OI #AH) I	ength	Last Size Set MD		ir m		13-3/8 1,026		
Bit Size in Bit Run	17	1/2		12 1/ 10	/4	DESCRIP TCI B		in 14 3/4		m 0.38	DESCRIP Hybrid		in 12 1		m 0.41	Set TVD Last FIT	FMW	n	1	11.51		
Manufacturer/Type						9 5/8		0.95	8" SperryDi 6/7 4.0 s	rill Lobe			9.44	Next Size		ir		10-3/4				
IADC Code	Baker/VM-09GDX1 Baker/KMX5251			6x8" Spir				2.17	12-1/8" Sle	ev Stab			0.89	Set MD				1,600				
Jets /32 in	1x18, 1	x24, 2x32		4x12, 4	1x22	X/O		9 1/2 9 1/3		8.46	Float S Integral Blade	Stabiliz	er 111	1/2	2.22	TOL		m	•	1,000		
Serial # Depth In m	RPO	0981		53307 1,027		15x5" H\	WDP	9 1/2		0.45	NMD EM Repeat		8		9.35 0.91		MUD \	/OLUME	s			
Depth Out m											EM Antenr		8	_	0.95	Start		bt		2,283		
Meterage m Bit Hours 24 hrs											3x8" Spir X/O		8 1,		28.13 0.47	Lost Surface Lost DH	1	bb		800		
TFA in ² Tot Krev On Bttm	2	261		1.92	!7						1x6-1/2" S 12x5" H	piral DC		/2	9.33 112.42	Dumped Built		bl	ol	800		
Tot Krev											Sledgeham				6.32	Ending		bl		2,283		
Dull Grade In	1-1-WT-A-	E-I-NO-BHA		New	v						16x5" H	WDP	5	1	150.21							
Dull Grade Out																	SOLID CONTR					
																SHAKERS Shaker #1	MODEL (T DERRICK (FLC			REEN SIZE 120/80/60		
																Shaker #2 Shaker #3	DERRICK (FLC	-2000-4)	1	120/70/60		
																Mud Cleaner	DERRICK (FLC	-2000-4)		4x140		
																Hi-G Dryer Centrifuge	FLC 2000 DE-100					
								Total		12.41			Tot	al 3	31.05			GAS				
CUN Meterage m	MULATIVE				Install D		RROSIO	N RING Release	Date	loca	ition	Dat	BOP	TEST Dat	e 2	Max. Gas Conn. Gas				-		
Bit Hours Hrs	urs Hrs 1					1	Dutc	7-Jul-22 Trip Gas							-							
ROP m/Hr			[2]	Tou!	DRIL	LING FLUID		2			ue T¹					Back Gas DITIVE	HYDRAULIC Annular Vel m/min					
Mud Type	Water		Active Water	r	KCL Po			mg/l		Act	ive Tank		4000	KC	H	Amount 32	Annular Vel Pb		/min psi			
Time HH:MM MW in ppg	M 11:00 16:00 23:30 K 8.5 8.5 8.5 MBT					mg/l lb/bbl					4500	PAC	LV	9	Sys HHP HHPb hp		hp					
MW out ppg Temp in degC	28		28		28	S	Sand %						0.1	SODIUM BIO	CL	4	HSI hp/		/in2 %			
Temp out degC Pres. Grad psi/ft						F							99	Lubricant		3	Jet Velocity m		/sec			
Funnel Visc sec PV cP	27		27		10	43 LGS % 10 600 RPM 22 300 RPM 7 200 RPM 11 100 RPM 3.4 6 RPM					1	44						i/in2	Amount			
YP lbf/100ft Gels 10 sec					22								33 24		_							
Gels 10 min Fluid Loss mL/30mi				+									17 12									
pH	7		7		9.		RPM		FUEL R	ECORD			8									
Fuel Tank Loca	tion		Balan	ced Yeste	erday (lite	rs)		Rig Engines -	Usa - Others	age (liters) 8,12	4		Received (liters)				On H& (liters)					
Rig				77,37				Light Vehicl Non Rig Bu	e/ HDE ndling	110 6,00	0			0					,139			
Base Camp 6,350 Mini Camp 0 TOTAL 83,72:							Engine Bas	secamp 50										.850				
									WEAT	14,734 THER				0				68,	989			
TEMP (°C)			F	OGGY & R	RAINING				В	AROMETRIC	WELL: ELEVATION		SITE WIN SPEED				OCATION CON					
HIGH LOW		TIME				RAIN DE	EGREE		P	RESS (ATM)	(M)		(KM/F		BAS	SECAMP	ACCESS R	OAD	WELLSITE			
19 10	TVD (m)	T ₁ 1 -2	'doc'		(doc)	DLS (°	/20 }	MW	D/ GYR	O SURVEY o Plan, m	1968.00		Below f/	Dlan		Dry	Dry Right / Le	64 6 / D/	Dry			
MD (m)	149 (III)	Incl. (ucy)	AZM	(deg)	DLS (°)	30 M)	Dis	cance t	v Flail, III	AD	ove / I	SCIUW T/	r iali, M			Right / Le	artij Pia	, III			
				L																		
					D	ERSONNEL											MUD PUMPS	S				
COMP	ANY	ON BO		ON SITE	Geologi		СО	MPANY			ON BOAI	RD	ON SITE	E PUMP	NO.	hh:m	1		2	3		
APS ETI		10)3		JV ADA- NPS / B	-APS					4 4			Slow	Speed? Lgt/Siz	y/n			N 12/7	N 12/7		
HALLIBURTON CEMENTING 5 V			VARCO						5 0			Capac	ity	bbl/si 95%	stk 0.1429		0.1429	0.1429 0.1357				
NABORS IMS		3	3		NOV						0 4			Strok	Strokes Flow Rate		SPM 80 gpm 456		80 456			
PARAMA DATA UNIT DYFCO		7	,		1									Press		psi psi	1,05	0	1,050 2,900	2,900		
PRIMA HIDROKARBO		3	3													P31	2,300 2,300 2,900			_,		
TOTAL POB:		20						HEAVY DU	Y EQUI	PMENTS ON S	ITE	!										
VEHICLE Crawler Crane Kobelco	TYPE 80T	-			HIRED BY	7			L	OCATION PPL-04						REMA	ARKS					
Forklift Forklift	5T 15T				APS APS					PPL-04 PPL-06												
Roughter Crane Kato Crawler Crane Sumitomo	55T 50T				APS APS					L/D Area PPL-04												
Sone Samitonio	501				,3																	