

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



PT Geo Dipa	Energi (Pers	iero)					23-Jul-								
OPERATOR					PA ENERGI (Pe	ersero)		CONTRACTOR			DA - APS	REPORT NO. # ENVIRONTMENT	28		
WELL/ PAD NAME WELL TYPE/ PROFILE				PTH-G-4C HOLE / J-TYPE	FIELD LATITUDE/ LONGITUDE			PATUHA 7° 10' 16.711 S / 107° 25' 9.968 E			GL - MSL (M)	ONSHORE 1968 m-ASL			
			GENERAL				DRILLING	PARAMETERS				AFE	2500 III AGE		
Rig TYPE / RIG POWE		HP	LAI	ND RIG / ARJ 1,500	JNA#88	AVERAGE WOB (24 HR AVERAGE ROP (24 HR		KLBS M/HR	20 23.7		AFE NUMBER / AFE COST DAILY COST				
KB ELEVAT		Mete	r	11.00		AVERAGE SURFACE RP	•	PI/IIK	50-52/13		% AFE / CUMULATIVE CO	OST #DIV/0!			
MIDNIGHT DEPTH Meter			r	1479		ON / OFF BOTTOM TO	KLBS-FT	10,9	/-	DAILY MUD COST					
PROGRESS Meter PROPOSED TD Meter				250		FLOWRATE/ SPP	gpm/PSI	400-405 / 1.		CUMULATIVE MUD COST					
SPUD DATE		Mete	ir .	2150 25-Jun-22, 1	2:00	AIR RATE CORR. INHIB./ FOAM	RATE	SCFM GPH	200 4/1		DAY/ NIGHT DRILLING S	ERSONNEL IN CHARC	SUBUR A / WAWAN G S		
RELEASE D	ATE					PUW/SOW/ROTW		KLBS 19			DRILLING SUPERINTEND	INTENDENT BUDI S			
PLANNED DAYS f/ RI		`-		48		TOTAL DRILLING TIME				0	RIG SUPERINTENDENT				
DATS I/ KI	G KELEAS)E				TON MILES			725	.0	HSE SUPERVISOR	PRILLING ENGINEER			
24 HOURS	SUMMAR	Y	Drill out 12-	1/4" formatio	n from 1229 mMI	D to 1471 mMD. Got TLC at	t 1471 mMD. Continu	ue to drill out 12-1/4"	formation from 1	1471 to 1479	mMD. Attempt to clean out t	ne high torque snot at 1	DIAZ PRIMADITYA		
			Dilli out 12	1/1 1011114110	11110111 1227 1111-11	D to 1171 mind. Got ree u	c 1171 minb. condit	uc to uniii out 12 1/1	ioiniadon nom 2	171 10 1173	minb. Accompt to cican out t	ic night torque spot at 1	173 1 173 IIII ID.		
24 HOURS	FORECAS	T .	Continue dr	ll out 12-1/4"	formation to est	. casing point at 1600 mME)								
STATUS 05	:00 Hrs	24-Jul	-22 Attempt to i	elease stuck	pipe at depth 144	48 mMD									
							н	SE	ZARD MANAG						
SAFETY PERFORMANCE						HOURS RECORD		RILLS							
Incidents	Nearmiss 1.0		1.0		s Light Vehicle s Heavy Equip		79 nt 78		JSA/HIRA PTW			6 Drill / Kick Drill	19-Jun-22 26-Jun-22		
Last MTI			-		Daily Personne			Pre Tour Meeting				P Drill	7-Jun-22		
Last LTI						/ Cum Safe Manhours	2,304/675,036	Observation Card				Drill	26-Jun-22		
Days w/out LTI 296.00		296.00	DWLTI Since ACCIDENT/ INCIDENT SUMMARY			1-Oct-21	Safety Inspection	/ Training	:		ac Drill	26-Jun-22			
			ACCID	ENT/ INCID	ENI SUMMARY						SAFETY ISSUES				
				N/A							N/A				
			EN	VIROMENTA	L RECORD			OCCUPATIONAL HEALTH RECORD							
Domestic V			4	Hazar	dous Waste (k			(person)			90				
Hazardous			·		utting Vol (jun	nbo bag)	45				5				
Spill Incide Enviro/ Cor				Other	(BB) ulative 24 Hrs			telated Illness	es						
	umity .	20000		Cunin	27 185		TIME BRE	Occupational Heal	13340						
OPERAT	ONS F	OR PERT	OD 00:00 TO	24:00 HR	S ON Sat.	23-Jul-22									
	, нн:мм														
START	END	ELAPSED	DEPTH	PT/NPT	CODE	DESCRIPTION				0	PERATIONS				
0:00 19:30 20:30	19:30 20:30 21:00	1.0	1,471 1,471 1,479	PT PT NPT	2a 5a 2a 3b	Circulate / Condition Mud Drilling Formation	TQ 0-11.5 Klbs.ft, MW In/Out: 8.5/8.5 ppg, Avg. ROP: 22.5 m/hrs. Bit Hrs: 17.37 Hrs, Krev OBJTOt: 223.1 / 433.2. Temp In/Out: 71/74 deg°C Mud Motor Hours: 45.1 hrs. Jar Hours: 45.1 hrs Percentage Rotate/Silde: Rotate (89 %): 215 m, 8.91 hrs, 24.1 m/hrs. Silde (11%): 27 m, 1.88 hrs, 14.4 m/hrs, (1233-1240, 1262-1273, 1295-1301, 1320-1323) mMD Lithology: 91.457 mMD: 12 thick coarse pyroclastic Last MeB @ 1457 mMD: 12 thick coarse pyroclastic Last MeB @ 1457 mMD: 17 % - 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 might of plan, Distance to PTH-G-48 = 297.88 m, DLS: 0.703 BHT: 79 - 1.3at DILICINDAM & 1418 m - 197/13/01/157 klbs Got TLC at 1471 mMD. Prepared for drill with Aerated Pump with 600 gpm, SPP 1650 psi. ADP 1675 psi. SCFM 1000-2000, Foam/Cort.Inhibitor: 6-10/4 dph. Dirill out formation: 12.25" Hole with Aerated Water (Rotate) from 1471 mMD to 1479 mMD/1323.19 mYD. TLC-Intermitten Parameter: WOB 27-33 klbs, FR 405 gpm, SPP 1350-1450 psi, RPM/M 50-52/135-137, TQ 9.8-10.9 Ribsr, MW In/Out: 8.5/8.5 ppg, Avg. ROP: 20 m/hrs. ADP 1365-1475 psi, SCFM 2000, Foam/Cort.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: 4.96 hrs. Jar Hours: 4.96 hrs Cooling Tower On (20.50 WTB) Cort hish LTD at 4 LPB mMD to 1449 mMD to 1449 mMD to 1479 mMD to 148 hrs. ha P1 1350-1575 psi, RPM/M 26/1011, TQ reading 21.3-33.5 Klbs.ft. ADP 1350-1670 psi, SCFM 2000-2200, - String stall at 1473 mMD, TQ to 33.5 Klbs.ft.								
TOTAL		24.0 OR PERI	OD 00:00 TO	05:00 HR	S ON	Sun, 24-Jul-2022		is + 1% Lubricant and	300 Bbls Mud +	· 1% Lubrica	nt at 1469 mMD.				
	, HH:MM														
START	END	ELAPSED	DEPTH	PT/NPT	CODE	DESCRIPTION				0	PERATIONS				
0:00	3:00	3.0	1,479	NPT	3b	Wash / Reaming / Backreaming Unplanned	SCFM 2000, Foam/C - String stall at 1453 - Cooling Tower Off (- Pump 50 Bbls Hi-vi - Pump 100 Bbls Hi-vi	i-vis + 1% Lubricant and 265 Bbls Mud + 1% Lubricant + 3% KCL at 1460 mMD.							
3:00						Wash / Reaming /	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 gsi, SCFM 2000-2200, Feam/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 loipe at 1448 mMD.								
	3:30	0.5	1,479	NPT	3b	Backreaming Unplanned	 String stall at 1449 Got stuck pipe at 1 	mMD TQ to 35.4 Klbs	.ft,						

				SIGNATURE										
		GENERAL		REPORT		ACK	NOWLEDGE	D BY	APPROVED BY					
Progress activity: 23	3%													
Note: Estimated Mud Loss (05	: Use) . + 400 Phle													
Estimated Cumulative M	lud Loss: ± 18,952	2 Bbls												
Estimated Water Loss (0 Estimated Cumulative W														
Monitor WHP at well	PTH-G-4B: 600 p	psi at wing valve	e & 0 psi at crow	vn valve.										
Record NPT														
- NPT Sperry 0 hrs / Cur - NPT Wash / Reaming /		lanned 3 hrs / Cun	n 28 hrs (4.1%)											
- NPT Stuck 0 hrs / Cum - NPT Total 0 hrs / Cum	n 0.5 hrs (0.1%)		03 (1.170)			SUBUI DRILLING SUI				NISAR JAHR SUPERINTENI		AKHMAD RYA		
- NPT TOTAL O HIS / CI	BIT RE	CORDS	10		BHA#9	Dideeling 301	ERVISOR	BHA#1		SOI EIGIVIEW	Last Size	CASING		
Bit Number	5RI	R4	6	DESCRIPTION	OD	Length	DESCRIPT	ION	OD :	Length	Set MD	r	n n	13-3/8 1,026
Bit Size in Bit Run	17 1 9		12 1/4 10	TCI Bit	in 14 3/4	0.38	Hybrid b	it 1	in 12 1/4	m 0.41	Set TVD Last FIT		n pg	11.51
Manufacturer/Type	Baker/VM-	-09GDX1	Baker/KMX52	25T Bit Sub	9 5/8	0.95	8" SperryDrill 6/7 4.0 stg		8	9.44	Next Size	i	n	10-3/4
IADC Code	11		Hybrid	6x8" Spiral DC	9 1/2	2.17	12-1/8" Sleev Float Sul	/ Stab	8	0.89	Set MD		n	1,600
Jets /32 in Serial #	1x18, 1x2	24, 2x32	4x12, 4x22	2 X/O	9 1/3 9 1/2	8.46 0.45	Integral Blade S	itabilizer 1	11 1/2	2.22	TOL	m		
Depth In m	RP09	381	5330778 1,027.0	15X5 HWDP	9 1/2	0.45	EM Repeater	r Sub 8		0.91		MUD VOLUME		
Depth Out m							EM Antenna			0.95	Start		bl bl	2,181
Meterage m Bit Hours 24 hrs					+		3x8" Spiral X/O		8 1/4	28.13 0.47	Lost Surface Lost DH	b b	bi bi	1,945
TFA in ² Tot Krev On Bttm	2.2	61	1.927			1	1x6-1/2" Spir 12x5" HW	ral DC 6	6 1/2	9.33	Dumped	b	bl	2,047
Tot Krev On Bttm					+	1	Sledgehamm		6 1/2	6.32	Ending	Built bbl Ending bbl		2,047
Dull Grade In	1-1-WT-A-E	-I-NO-RHA	New			+	16x5" HW		5	150.21				
Dull Grade Out	1 1 MI-W-C	- 110 5115	14644		+	+	10/0 11W		-	-55.21		SOLID CONTROL EQU	IPMENT	S
											SHAKERS	MODEL (TYPE)	SCF	REEN SIZE
					+						Shaker #1 Shaker #2	DERRICK (FLC-2000-4) DERRICK (FLC-2000-4)		20/80/60 20/70/60
					1	1					Shaker #3	DERRICK (FLC-2000-4)) 12	.20/70/60
											Mud Cleaner Hi-G Dryer	FLC 2000-4	\pm	4x140
					Total	12.41			Total	331.05	Centrifuge	DE-1000	-	
CIT	MULATIVE		<u> </u>	CORROSI			<u> </u>		OP TEST		Max. Gas	GAS	•	_
Meterage m	HULATIVE		In	nstall Date	Releas	e Date Loc	ation	Date 1		Date 2	Conn. Gas			-
Bit Hours Hrs ROP m/Hr		1 2		<u> </u>	2		+	7-Jul-22	\pm		Trip Gas Back Gas			-
		Acti	ive Tank	DRILLING FLUID		Act	tive Tank		\blacksquare	MUD ADI	DITIVE Amount		RAULIC /min	
Mud Type Time HH:MM	KCl Polym 11:00	ner KCI P	Polymer 6:00	WATER CI 23:30 K	mg/l	4800 5300	13800 14700		1	KOH XCD	6 73		psi	
MW in ppg	8.5	8	8.5	8.5 MBT	mg/l				1	PAC LV	32	ННРЬ	hp	
MW out ppg Temp in degC	8.5 60	6	8.5 61	Sand Solid Cor		0.1	0.1		_	KCL JM BICARBONATE	11	% psi bit	p/in2 %	
Temp out degC Pres. Grad psi/ft	68		70	30 Retort W	Vater %	98	98		L	Lubricant	6		n/sec lbs	
Funnel Visc sec PV cP	49 12		50 12	27 LGS 600 RPM	%	54	55		+				s/in2	Amount
YP lbf/100ft Gels 10 sec		3	31 11	300 RPM 200 RPM	1	42 34	43 36		1		-	 		
Gels 10 min Fluid Loss mL/30mi	17		18	100 RPM 6 RPM		31 15	32 15		1		1	 	#	
pH	10		10	7 3 RPM		10 FUEL RECORD	10		丄				<u> </u>	
Fuel Tank Loca	tion	Ва	alanced Yesterda	ay (liters)	Die Englis	Usage (liters)	06		Recei	ived (liters)		On HE	k (liters)	
Rig			106,389		Rig Engines	le/ HDE 150			0		91,543			
Base Camp			7,550		Non Rig Bu Engine Bas	undling 200 secamp 600					6,950			
Mini Camp TOTAL			0 113,939			15,446			0		98,493			
TEMP (°C)			FOGGY & RAII			WEATHER BAROMETRIC	ELLSITE				OCATION CONDITION			
HIGH LOW					PRESS (ATM)	WIN:	WIN SPEED (KM/H) BASECA			ACCESS ROAD	WELLSITE			
19 10					(KM	1/H)		Dry	Dry		Dry			
MD (m)	TVD (m)	Incl. (deg)	Azm (de	eg) DLS (°/30 m)		VD/ GYRO SURVEY stance to Plan, m	1968.00	ve / Below	f/ Plan			Right / Left f/ Pl	an, m	
1210.49 1239.71	1110.07 1132.21	41.01 40.45	261.81 261.11	1.27		242.1 251.01	2.6	56		below below		0.09 0.55		left left
1268.48	1154.44	38.35	260.93	3 2.19		259.44	7.7	78		below		0.86		left
1297.50 1326.48	1174.41 1200.68	36.95 36.25	261.00 259.43	3 1.21		267.62 275.33	9.1	91		below below		1.13 1.41		left left
1384.30 1247.26 1413.52 1270.68		36.37 37.05	258.86 258.99			290.19 297.88	11. 12.			below below	 	1.22 0.88	left left	
			1				<u> </u>							
							<u> </u>							
				PERSONNEL								MUD PUMPS		
COMP	PANY	ON BOARD			OMPANY		ON BOARD	ON S		UMP NO. ime	hh:mr	1	2	3
APS ETI		102 19	J'	IV ADA-APS NPS / BAKER		3 4		\bot	Slow Speed? Liner Lgt/Size		y/n		N 12/7	N 12/7
HALLIBURTON CEME AERATED	NTING	5	V	VARCO SMITH			5	#	Ca	apacity fficiency	bbl/st 95%	tk 0.1429	0.1429	0.1429 0.1357
NABORS		3	N	vov			0	\pm	St	trokes	SPM	80	80	0.133/
IMS PARAMA DATA UNIT		24 7	N	NMS			3	\pm	Pr	low Rate ressure	gpm psi	1,050	456 1,050	1 2 2 2 2
DYFCO PRIMA HIDROKARBO		3					\pm	\pm	PF	RV	psi	2,900	2,900	2,900
HALLIBURTON SPERI TOTAL POB :	RY	4 199												
VEHICLE	TYPE			RED BY	HEAVY DU	TY EQUIPMENTS ON S LOCATION	ITE				REM/	ARKS		
Crawler Crane Kobelco 80T APS Forklift 5T APS						PPL-04 PPL-04								
	31					PPL-04	1							
Forklift Roughter Crane Kato	15T 55T			APS APS	+	PPL-04 PPL-06 L/D Area								

Crawler Crane Sumitomo 50T APS PPL-04