

DAILY DRILLING REPORT PT. GEO DIPA ENERGI (Persero)



PT Geo Dina	Energi (Per	sero)					24-Jul-	·22								
PT Geo Dipa Energi (Persero) OPERATOR			ı		PA ENERGI (Pe	ersero)	CONTRACTO				DA - APS		REPORT NO. #	29		
WELL/ PAD NAME WELL TYPE/ PROFILE					PTH-G-4C HOLE / J-TYPE		FIELD LATITUDE/ I	70 10		TUHA / 107° 25' 9.968 E		ENVIRONTMENT GL - MSL (M)	ONSHORE 1968 m-ASL			
WELL ITPE	/ PROFIL	.с	GENERAL	ыч	IOLE / J-ITPE		DRILLING	PARAMETERS		7 10.711 3	/ 107° 25' 9.968 E		AFE	1908 m-ASL		
Rig TYPE /			LAN	D RIG / ARJU	JNA#88	AVERAGE WOB (24 HF		KLBS	0			R / AFE COST				
RIG POWER HP KB ELEVATION Meter				1,500 11.00		AVERAGE ROP (24 HR AVERAGE SURFACE RE	•	M/HR	0.0 50-52/13		MATE / CIL	MULATIVE COS	ST 63.1%			
MIDNIGHT		Meter		1479		ON / OFF BOTTOM TO		KLBS-FT	-/3		DAILY MUD		03.170			
PROGRESS		Meter		0		FLOWRATE/ SPP		gpm/PSI	250-600 / 1.	230-1.795	CUMULATIV	E MUD COST				
PROPOSED		Mete		2150		AIR RATE		SCFM GPH	2000-2				RSONNEL IN CHARG			
SPUD DATE RELEASE D				25-Jun-22, 12	2:00	CORR. INHIB./ FOAM PUW/SOW/ROTW	RATE	4-6/18-25 162-183 / - / -			T DRILLING SU SUPERINTENDER		SUBUR A / WAWAN G S BUDI SETIAWAN			
PLANNED I				48		TOTAL DRILLING TIM	E	KLBS HRS			RIG SUPERI		NISAR JAHRI			
DAYS f/ RI	G RELEAS	SE				TON MILES		747.0		.0	DRILLING E	NGINEER		EKA DAYA SAMUDERA		
24 HOURS	SUMMAR	Y	Continue bac		1469 mMD to 1	448 mMD. Attempt to free	stuck pipe at 1448 m	MD. Attempt to clean	out the high tor	que spot at :	HSE SUPER\ 1473-1479. Ha	DIAZ PRIMADITYA Attempt to free the stuck				
24 HOURS	FORECAS	т			ng the stuck pipe	e, POOH string to surface.										
STATUS 05	:00 Hrs	25-Jul-	Attempt to re	elease stuck p	ipe at depth 14	02 mMD	н	SE								
	SAFE	TY PERFORI				HOURS RECORD		H.A	ZARD MANAG				EMERGENCY D			
Nearmiss					s Light Vehicle		129	JSA/HIRA			6	H2S I		19-Jun-22		
Incidents			1.0		s Heavy Equip		15	PTW					Kick Drill	26-Jun-22		
Last MTI Last LTI			-		Daily Personne	el s / Cum Safe Manhours	199	Pre Tour Meeting Observation Card			.43	Fire I		7-Jun-22 26-Jun-22		
	Days w/out LTI 297.00			DWLTI		, cum sale mannours	2,388/677,436 1-Oct-21	Safety Inspection			16 Mediv			26-Jun-22 26-Jun-22		
_ u,o w,out					NT SUMMARY		1 000-21	Jaiety Mapetion	. running			ETY ISSUES				
			ENV	N/A /IROMENTA	L RECORD			N/A OCCUPATIONAL HEALTH RECORD								
Domestic V			0		dous Waste (k			Fit for duty / MCU	(person)							
Hazardous Waste/B3 (kg)					utting Vol (jur	nbo bag)	1	Clinic Visit					6	<u> </u>		
Spill Incide Enviro/ Co				Other	(BB) ulative 24 Hrs			Number of Work F		es						
Enviro/ Co	mmunity	issue		Cumm	ulative 24 Hrs		TIME DD	Occupational Heal	tn Issue							
		on n	ND 00 55 =5	4.05.::-		24 7.4 22	I TIME BKI	AKDOWN								
		OK PEKI	DD 00:00 TO 2	4:00 HK	S ON Sun,	24-Jui-22										
TIME	, нн:мм		DEPTH	PT/NPT	CODE	DESCRIPTION				0	PERATIONS					
START	END	ELAPSED	22	,	0022	2200111 12011				·						
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 Hivis + 1% Lubricant, 265 Bbls Mud + 1% Lubricant + 3% KCL at 1460 mMD. - Pump 10 Blbs Hivis + 1% Lubricant at 1451 mMD before rack back 1 stand 5" DP.									
3:00	3:30	0.5	1,479	NPT	3b		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, SCPM 2000-2200, Foam/Corr_Inhibitor 18/4 gph. - Back back 1 stand ST 'B pand (VII 1 sink ST DP									
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% KCI, 200 Bbls Hi-vis + 1% Lubricant + 3% KCI 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% KCI, 300 Bbls Mud + 1% Lubricant + 3% KCI at 1450 mMD. - String can patte. frome IR-36 Klbs.ft with RPM 384-2 (08:15 WIR)									
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. ADP1395-16 psi, SCFM 2000-2200, Foam/Corr.Inhibitor 12-18/4 gph. - String stall at 1473 mMD, TQ to 33.5 Klbs.ft. - Pump 50 Bibs Hiv/s + 1½, Lubricant and 300 Bibs 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.									
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 (22:00-22:15 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		24.0	N 00 55 T5	= 05		M 2F 7 1 2555										
		UR PERIC	OD 00:00 TO 0	5:00 HR	S ON	Mon, 25-Jul-2022	2									
TIME START	, HH:MM END	ELAPSED	DEPTH	PT/NPT	CODE	DESCRIPTION				o	PERATIONS					
0:00	5:00	5.0	1,479	NPT	2j	Stuck Pipe Include Handling operations										

		G	ENERAL C	COMMEN	TS									SIGNATU	JRE				
Progress activity : 3					REPORTED BY				,	ACKNOWLEDG	ED BY	APPROVED BY							
Progress activity: 2: Note: Estimated Mud Loss (0: Estimated Cumulative Note and Cu																			
Monitor WHP at wel	I PTH-G-4B: 600) psi at wi	ing valve	& 0 psi a	t crown valv	<i>r</i> e.			i										
Record NPT - NPT Sperry 0 hrs / Cu	m 20 hrs (2 8%)								1										
- NPT Wash / Reaming	/ Backreaming Un		hrs / Cum	36 hrs (5°	%)				1	CHE	, Δ			NISAR JAH	DT	AVUMAR	DAVE CI	IDVANEVAL	
	Stuck 16 hrs / Cum 16.5 hrs (2.2%) T Total 24 hrs / Cum 72.5 hrs (10.2%)								SUBUR A DRILLING SUPERVISOR				NISAR JAH RIG SUPERINTEN		AKHMAD RYAN SURYANSYAH PROJECT MANAGER PATUHA 2				
	BIT RECORDS			10 B			ВНА#9			T T		BHA#10		Last Size	CASING in		13-3/8		
Bit Number Bit Size in		5RR4			6	6 DESCRIPTION		OD in	Length	DESCRIPTION		OD		Set MD Set TVD		m	1,026		
Bit Size In	1.	7 1/2 9		12 1/4 10		TCI Bit		in 14 3/4	0.38 0.95	Hybrid bit		in 12 1/		Last FIT		m ppg	11.51		
Manufacturer/Type	Baker/V	/M-09GDX1	į.	Baker/KMX525T		Bit Sub		9 5/8		0.95	8" SperryDr 6/7 4.0 st		8	9.44	Next Size		in	10-3/4	
IADC Code		115				6v0" Cairol DC		9 1/2		12-1/8" Sleev S		ev Stab	8	0.89	Sat MD			1,600	
Jets /32 in		115 1x24, 2x32		Hybrid 4x12, 4x22		6x8" Spiral DC X/O		9 1/3		2.17 Float Sub 8.46 Integral Blade Sti		Stabilize	lizer 11 1/2 2		TOL	m m		1,600	
Serial # Depth In m	RP	P0981		5330778		15x5" HWDP		9 1/2		0.45 NMDC			8 9.35 b 8 0.91		MUD VOLUMES		IIMES		
Depth Out m				1,027.0							EM Repeater Sub EM Antenna Sub		8	0.95	Start		bbl 2,283		
Meterage m									3x8" Spira		al DC	8	28.13	Lost Surface	•	bbl			
Bit Hours 24 hrs TFA in ²	2	261		1.027							X/O 1x6-1/2" Spiral DO		8 1/-		Lost DH Dumped		bbl	2,200	
Tot Krev On Bttm	2.261			1.927					士		12x5" HWDP		5	112.42	Built		bbl	2,200	
Tot Krev									Sle		Sledgehammer Jar		6 1/2	2 6.32	Ending	bbl		2,283	
Dull Grade In	1-1-WT-A	A-E-I-NO-BH	-IA		New						16x5" H\	WDP	5	150.21					
Dull Grade Out																SOLID CONTROL	EQUIPM	IENTS	
			\Box						\bot				\perp		SHAKERS	MODEL (TYPE DERRICK (FLC-200		SCREEN SIZE	
															Shaker #1 Shaker #2	DERRICK (FLC-200		120/80/60 120/70/60	
									_			_	_		Shaker #3	DERRICK (FLC-200 DERRICK (FLC-200		120/70/60 4x140	
									_						Mud Cleaner Hi-G Dryer	FLC 2000-4		4x140	
								Total		12.41			Tota	al 331.05	Centrifuge	DE-1000			
																GAS	5		
CU Meterage m	MULATIVE				Install D		CORROSIO	N RING Release	e Date	Loca	ation	Dat	BOP 1	TEST Date 2	Max. Gas Conn. Gas		<u> </u>		
Bit Hours Hrs			1					1					ıl-22		Trip Gas			-	
ROP m/Hr			2		DRII	LLING FLUID	0	2							Back Gas DDITIVE		HYDRAU		
Mud Type	Wate	er	Active Wat	re Tank iter	KCL P	Polymer	CI	mg/l		Acti	ive Tank	1	4000	Type KOH	Amount 29	Annular Vel Pb	m/mi psi		
Time HH:MM	11:0	10	16:0	:00	23	3:30	K	mg/l			<u> </u>		4500	XCD	42	Sys HHP			
MW in ppg MW out ppg	8.5		8.5			3.5	MBT Sand	lb/bbl %			\vdash	\pm	0.1	PAC LV KCL	8 13	HHPb HSI	hp hp/in:		
Temp in degC Temp out degC	28	\dashv	28	3	2	28	Solid Cont Retort Wa				1	\vdash	1 S	SODIUM BICARBONAT Lubricant	15	% psi bit Jet Velocity	% m/se		
Pres. Grad psi/ft Funnel Visc sec	27		27			43	HGS	% %				#			1	Impact force IF/area	lbs lbs/in		
PV cP					1	11	LGS 600 RPM	7/0					44		1	Type	II cu:	Amount	
YP lbf/100f Gels 10 sec	:	\longrightarrow				22 7	300 RPM 200 RPM				 		33 24		+	+	-		
Gels 10 mir Fluid Loss mL/30m	1					11 3.4	100 RPM 6 RPM				-		17 12		1	1	_		
pH	7		7			0.5	3 RPM		Ellel P	FCORD		工	8				工		
Fuel Tank Loca	ntion		Bala	anced Ye	esterday (lite	ers)				age (liters)			R	eceived (liters)	0	n H& (lit	ers)	
Rig				9	1,543		Ī	Rig Engines - Light Vehicle	e/ HDE	8,12 50				0			77,373	3	
Base Camp					6,950			Non Rig Bu Engine Bas	ındling	6,00 600	00					+	6,350		
Mini Camp TOTAL				0 98,493				J		14,770				0			83,723		
									WEATHER			WELLSI							
TEMP (°C)		FOGGY & RAINING						ELEVATION			TE WIN SPE	ED _	LOCATION COND						
HIGH LOW TIME			RAIN DEGREE						P	PRESS (ATM)	(M) 1968.00		(KM/H		SECAMP Dn/	ACCESS ROAD			
19 10					,			MW	D/ GYR	RO SURVEY					Dry	Dry		Dry	
MD (m)	TVD (m)	Inc	cl. (deg)	Az	zm (deg)	DLS ((°/30 m)	Dis	tance t	to Plan, m	Abo	ove / B	Below f/ P	ian, m		Right / Left f	:/ Plan, i	n	
				1		-		_			-								
								_											
		_		+-		 		_			-								
				1		<u> </u>													
						PERSONNEL										MUD PUMPS			
GDE	PANY	ON	6	ON SIT	TE Geolog		со	MPANY			ON BOAR	(D	ON SITE	PUMP NO. Time	hh:m	1	2	3	
APS ETI		102 19			JV ADA-APS NPS / BAKER						3 4		Slow Speed Liner Lgt/Si		? y/n	n N	N 12/		
HALLIBURTON CEMI	NTING	=	5 VARCO 5 SMITH)	nnet.					5		Capacity	bbl/s	tk 0.1429	0.14	29 0.1429		
AERATED NABORS		_	3		NOV						0	0		Strokes		1 80	0.13 80)	
IMS PARAMA DATA UNIT		_	7		NMS						3	3		Flow Rate Pressure		1 456 1,050	456 1,05	50	
DYFCO PRIMA HIDROKARB		=	3		#							\rightrightarrows		PRV	psi psi		2,90		
HALLIBURTON SPER			4								<u> </u>	士							
TOTAL POB:	199			HEAVY DUT				TY EQUIPMENTS ON SITE											
VEHICLE Crawler Crane Kobelco	80T								LOCATION PPL-04						REM	ARKS			
Forklift 5T Forklift 15T				APS APS					PPL-04 PPL-06										
Roughter Crane Kato	oughter Crane Kato 55T			APS APS					L/D Area PPL-04										
Crawler Crane Sumitomo 50T				CTA					rrt-u4										
								<u> </u>											