

DAILY DRILLING REPORT



PT. GEO DIPA ENERGI (Persero)																		
	a Energi (Pers	ero)						18-May-23										
OPERATO				PT	T. GEO	DIPA ENERGI (P	ersero)	CONTRACTOR	ł		JV ADA	REPORT NO. # ENVIRONTMENT	29					
WELL TYP		-	PTH-BB-9A BIG HOLE / J-TYPE			•	FIELD	ONCITUDE	07	PATU		10" E	ONSHORE 1950 m-ASL					
WELL TYP	E/ PROFI	LE	GENERAL BIG HOLE / J-11PE				DRILLING PA			° 10' 02.79" S / 1	10/* 24 5/.2	29 E	GL - MSL (M) AFE	1950 m-ASL				
RIG TYPE / NAME LAND RIG / ARJUNA#88					G / ARJU	UNA#88	AVERAGE WOB (24 HRS)	J. (122211017	KLBS				AFE NUMBER / AFE COST					
RIG POWER HP					1,500		AVERAGE ROP (24 HRS)		M/HR			DAILY COST						
KB ELEVA		Mete			11.00		AVERAGE SURFACE RPM / D						% AFE / CUMULATIVE COST ####					
PROGRES		Mete			1,562		ON / OFF BOTTOM TORQUE		KLBS-FT			CUMULATIVE						
PROGRESS Meter PROPOSED TD Meter					0 2200		FLOWRATE / SPP AIR RATE		gpm/PSI SCFM			COMULATIV		RSONNEL IN CHARGE				
SPUD DAT		Hete	•	19/04/2		8:30:00	CORR. INHIB./ FOAM RATE		GPH			DAY/ NIGHT			KETUT D.Y. / EVI R.			
RELEASE I							PUW/SOW/ROTW	KLBS				NG SUPERINTENDENT BUDI SETI/						
PLANNED					45		TOTAL DRILLING TIME		HRS		NISAR JAHRI							
DAYS f/ R	IG RELEA	SE					TON MILES					DRILLING ENGINEER HSE SUPERVISOR			EKA DAYA SAMUDERA DIAZ P.			
24 HOURS	SUMMAI	RY	CHC 94	46 -960 mMD at 1560 mMD	D. RIH a	and Wash Down 9-7 ream from 1560 ml	-8" TCI f/ 946 mMD to 971 mMI MD to 976 mMD. Cont'd POOH o	H: Cont'd RIH on elevator 9-7-8" TCI 10RR#1+ rotary assy f/ 976 mMD to 15 n elevator F/ 976 mMD to surface. M/U and RIH 9-7/8" TCI 11RR#2 slick ass					eaming down f	/ 1517 mMD to 1562 ml D				
24 HOURS	FORECA	ST	RBIH v	v/ 9-7/8" Rot	ary Slick	k Assy. Check fill. W	/ash and defensive reaming w/ a	erated to bottom. Circ	culate hole clean. D	OF 9-7/8" HS v	v/ rotary BHA to ca	sing point ±(1	850 mMD - 19	00 mMD)				
STATUS 0	5:00 Hrs	19-May	r-23 Reamin	na down with	aerated	d water @1383 mM	ID .							•				
								HSE										
	SAFET	Y PERFOR	RMANCE				HOURS RECORD			HAZARD MA				EMERGENCY DR				
Nearmiss						Light Vehicle		215	JSA/HIRA		15							
Incidents				KM Hrs Heavy Equipmer				20	PTW		15			Kick Drill	17 4 22			
Last MTI				Total Daily Personnel			um Cafa Manh	194	Pre Tour Meet		2			Drill	17-Apr-23			
Last LTI Days w/out	LTI		595.00		WLTI S		um Safe Manhours	2.328/1.378.300 Observation Ca 1-Oct-21 Safety Inspect			219 15/1		Trip Mediv:	Drill ac Drill	17-Apr-23			
Days W/ out			JJ3.00			SINCE NCIDENT SUMMA	RY	1-Oct-21	Salety Inspect	don/ training	15/1	SAFETY		ac Jilli	17-Apr-23			
					,	N/A						N/						
				FAIL	/IDOM	-					000			onn				
Domestic	Wasto (3)	4			ENTAL RECORD ous Waste (kg)		1	Fit for duty / N	ACII (nercer)	OCCI	UPATIONAL I	HEALIH REC	93/0				
Hazardous			4			tting Vol (jumbo l	bag)	8	Clinic Visit	(person)				93/0				
Spill Incid					ther (B		oug,		Number of Wo	nesses		3						
Enviro/ Co						lative 24 Hrs			Occupational I									
								TIME BREAK										
OPERAT	TONS F	OR PERI	OD:00	TO 24:00	HRS	ON Thu. 18-	Mav-23											
	ATIONS FOR PERIOD 00:00 TO 24:00 HRS ON Thu, 18-May-23 ME, HH:MM DEPTH PT/NPT CODE DESCRIPTION						OPERATIONS											
START	END	ELAPSED	DEPIR	1 P1/1	NPI	CODE	DESCRIPTION	UPERATIONS										
0:00	1:30	1.5	1562	NI	РТ	5c	Circulate / Condition Mud Unplanned	Circulate hole clean while working pipe range 946 -960 mMD - FR 1100 gpm, SPP 1260 psi - FR 1100 gpm, SPP 1260 psi - Swept 50 bbls hi-visc @953 mMD, @955 mMD - Encountered PLC, rate 0.3-0.7 bpm										
1:30	2:00	0.5	1562	NI	PT	3b	Wash / Reaming / Backreaming Unplanned	RIH and Wash Down 9-7-8" TCI f/ 946 mMD to 971 mMD FR 1100 gpm, SPP 1250 psi - Tagged 5 klbs @971 mMD,reaming f/ 971 - 976 mMD w/ FR 1100 gpm, SPP 1250 psi, RPM 40, TQ 4-5 klb.ft										
2:00	3:30	1.5	1562	NI	РТ	3b	Wash / Reaming / Backreaming Unplanned	Cont'd RIH on elevator 9-7-8" TCI 10RR#1+ rotary assy f/ 976 mMD to 1517 mMD. Tagged 5klbs (fill 45 m) - Fill up string @1264 mMD - Encountered PLC, rate 0.2-0.3 bpm.										
3:30	09:00	5.5	1562	1562 NPT 3b Wash / Reaming / - Backreaming Unplanned					Reaming down f/ 1517 mMD to 1562 mMD - FR 1100 gpm, SPP 1600-1680 psi, RPM 40-50, TQ 8 - 11 klb.ft. PLC, rate 0.2-0.9 bpm. - Found cutting @1517 mMD 50-60% IO, @ 1540 mMD 40% - Swept Hi-Visc 50 bbls @1522, 1550, 1560 mMD - Encountered spike TQ at 1525 mMD 13 klbft, - At 1561 mMD found high Torque until 26 klbft. Back ream, got pipe stuck & hole pack off. Pressure increase to 2000 psi, no return and overpull 50 klbs (08:40 Hrs)									
09:00	11:30	2.5	1562	NI	РТ	2j	Stuck Pipe Include Handling operations	Attempted to free stuck at 1560 mMD while circulate hole clean - With aerated SPP 2350 psi, Air rate 700-1300 SCFM, ADA Pressure 2300-2450 psi, Foam/Corr Inhib 4-17/2-15 gph. No Return - At 10:50 Hrs got intermitten return, pressure decrease to 2220 psi. No success										
11:30	13:30	2.0	1562	NI	NPT 2j Stuck Pipe Include Handling Pe 22 operations - 1				Try back ream from 1560 mMD to 1553 mMD Parameter: FR 450-620 gpm, SPP 2200-2400 psi, RPM 60-70, TQ 17-21 klbft, Airrate 1300-2000 SCFM, ADA Pressure 2250-2500 psi, Foam/Corr Inhib 24-28/15 gph, Intermitten return. Success - At 1554 mMD, pump pressure continue decrease until 1000 psi and free pipe - Rack back 1 std									
13:30	19:00	5.5	1562	NI	РТ	3b	Wash / Reaming / Backreaming Unplanned	1800 SCFM, ADA P - Cooling Tower off at - From 1467 mMD TQ	nt'd back ream from 1553 mMD to 976 mMD with parameter 100 SCFM, ADA Pressure 550-800 psi, Foam/Corr Inhib 20/15; onling Tower off at 1496 mMD (14:30 Hrs) om 1467 mMD TQ decrease to 6-9 klbft (14:48 Hrs) op aerated @976 mMD (18:50)						7-17 klbft, Air rate			
19:00	22:00	3.0	1562	Р	т	6d	Trip in / out Drilling BHA	Cont'd POOH on elevator F/ 976 mMD to surface. Return - Pump backside FR 410 gpm - Uninstall RRH ADA @569 mMD - Uninstall corrosion ring @290 mMD - Encountered PLC, rate 0.9-1.1 bpm - B/O and L/D 9-3/8" IB Stabilizer - B/I Grading : 1-1-WT-A-E-N-O-HP										
22:00	0:00	2.0	1450	Р	т	6d		M/U and RIH 9-7/8" TCI 11RR#2 slick assy from surface to 317 mMD. 9-7/8" TCI Bit (IADC 537 Smith Type FH300D1VP5 s/n RP2122 nozz 2X30;1x32) + 8" Bit Sub w/ Float Valve + 8" Pony DC + X-Over Sub + 6-3 DC + 19x5" HWDP + 6-1/2" SH + 10x5" HWDP + 6-3/4" FLOAT SUB ADA + 6-3/4"LOCK SUB ADA) - Pump thru annulus 410 gpm. return PLC - Install corosion ring @ lock sub ADA 288 mMD - Encountered PLC, rate 1-1.3 bpm.										
TOTAL HRS 24.0																		

OPERAT	OPERATIONS FOR PERIOD 00:00 TO 05:00 HRS ON Fri, 19-May-2023															
TIMI	E, HH:MM END	ELAPSED	DEPTH	PT/NPT	CODE	DESCRIPTION	OPERATIONS									
0:00	4:00	4.0	1562	PT	6d	Trip in / out Drilling BHA	III H 9-7/8" TCI 11RR#2 slick assy from 317 mMD to 1381 mMD (tagged 5 klbs). I Bit (IADC 537 Smith Type FH300D1VPS s/n RP2122 nozz 2X30;1x32) + 8" Bit Sub w/ Float Valve + 8" Pony DC + X-Over Sub + 6-1/2" DC HWDP + 6-1/2" SH + 10x5" HWDP + 6-3/4" FLOAT SUB ADA + 6-3/4"LOCK SUB ADA) er sub @317 mMD RIM ADA @903 mMD tten return f/ 1214 mMD to 1381 mMD ruu annulus 410 gpm. return PLC tered PLC, rate 0.5-0.9 bpm									
4:00	5:00	1.0	1562	PT	3a	Wash / Reaming / Backreaming										
			·	SENERAL C	COMMENTS			SIGNATURE REPORTED BY								
Estimated Estimated Estimated NPT Reco Rig Bundl - MLU : Cu - TDS : Cu Rig Bundl	mMD if Mud Los if Cumulat if Water L if Cumulat ird ing Total umm 2 Hr imm 3 Hr ing Total	ss (24 Hrs) tive Mud Lo oss (24 Hrs tive Water NPT Recor s s	: ± 1029 Bbls. ss: ± 10859 Bbls. j: ± 0 Bbls. Loss: ± 3320 Bbl. d on April 2023 : (d on May 2023 : -	s Cumm 5 H	irs			REPORTED E								
NPT Hole	Problem	: 14.5 hrs	/ Cumm 20 hrs					KETUT D. Y NISAR JAHRI DRILLING SUPERVISOR RIG SUPERINTENDENT								

		BIT REC	ORDS														CASIN	G		
	7			8			BHA #10 9-7/8" Rotary				BHA #1		/8" Slick B	Length	Last Size	t Size in			17.5	
Bit Number		6RR#1		6RR#2		DESCRIPTION				Length	DESCR	IPTION	TION OD		Set MD			m	1,012	
Bit Size in Bit Run		9 7/8 2		9 7/8		9-7/8" TCI Bit (537)		8 1/4		m 0.38	9-7/8" TCI Bit (537)		9 7/8	0.27	Set TVD Last FIT I			m	925.0	
			241/20	Smith / EH300D1VPS			. ,					. ,							42.4/4"	
Manufacturer/Type	Sm	ith / FH300E	DIVPS				// Float Valve	7		0.31		v/ Float Valve		0.89	Next Size			in	12-1/4"	
IADC Code		537		537		9-3/8" IB Stabilizer		7		0.58		ony DC	8	4.41	Set MD	m		m	1,800	
Jets /32 in			30; 1x32	8" Pony DC		8 2/9		1.22		Sub	6 7/9	0.51	TOL	m		-				
Serial #					RP2122	XO Sub		7		7.92	1 x 6-1/2" DC		6 1/2	9.04						
	m 1,474.0 1,562.0		.,562.0	1 x 6-1/2" DC		8 2/9 5		1.22	19 x 5" HWDP		5	174.92	MUD VOI							
Depth Out m Meterage m		1,562.0 88.0				19 x 5" HWDP 6-1/2" Sledgehammer Jar		7		0.99	6-1/2" Sledgehammer Jar 10 x 5" HWDP		f 6 1/2	6.30 91.41	Start Lost Surface			bbl 2,050 bbl 0		
Bit Hours 24 hrs		13.04			10 x 5" HWDP		6 1/2		55.00	Float Sub ADA		6 3/4	0.66	Lost DH			bbl	2,537		
TFA in ²		2.166 2.166		2.166	Float Sub ADA		5		92.31	Lock Sub ADA		6 3/4	0.55	Dumped	bbl					
Tot Krev On Bttm		50.4				Lock S	ub ADA	DA 6 1/2		6.30					Built			bbl	2,537	
Tot Krev Dull Grade In	0.	125.2 1-WT-A-E-I-N	IO CD	1 1 M/T	A-E-I-NO-BHA										Ending			bbl	2,050	
Dull Grade Out		-WT-A-E-I-N		1-1-441-	A-L-1-NO-DITA										:	SOLID C	ONTROL E	QUIPME	ENTS	
															SHAKERS	MOI	DEL (TYPE)	SCREEN SIZE	
															Shaker #1		CK (FLC-200		120/100/80	
															Shaker #2		CK (FLC-200		120/100/80	
													-		Shaker #3		K (FLC-200		120/100/80	
													1	+	Mud Cleaner		CK (FLC-2000 LC 2000-4	л -4) 2.	30/230/230/230	
													+	+	Hi-G Dryer Centrifuge		DE-1000	+		
								Total		166.96			Total	288.96	continuge	52 2000				
																	GAS			
	MULATIV						RROSION RI						BOP TEST		Max. Gas				-	
Meterage m Bit Hours Hrs		0.0	1		Install I			Relea	se Date		ock Sub & DP	Date 1		Date 2	Conn. Gas				-	
ROP m/Hr		#DIV/0!	2		15-146	ay-23		2		between L	JOCK SUD & DP	18-Apr-2	2.3		Trip Gas Back Gas				-	
,		514/0.	121		Di	RILLING FLUI	D	1-1		<u> </u>	1			MUD AD		1	H	/DRAUL	IC	
				Active Tan						A	ctive Tank			Туре	Amount	Annula	r Vel	m/min		
Mud Type		Water		Polymer	Caustic Po		CI	mg/l						XCD	23	Pb		psi		
Time HH:MM MW in ppg	1	11:30 8.6		i:30 3.3	23:3 8.3		MBT	mg/l						Defoarmer	1	Sys HH HHPb	IP	hp		
MW in ppg MW out ppg		8.6		3.3	8.3		Sand	%						Deloamiei	1	HSI		hp/in2		
Temp in degC		58					Solid Content			3						% psi l	bit	%		
Temp out degC		68					Retort Water			97						Jet Vel		m/sec		
Pres. Grad psi/ft Funnel Visc sec		53	<u> </u>	27	27		HGS LGS	%								Impact IF/area		lbs lbs/in2		
PV cP		12	- '		21		600 RPM	9/6		52						II / alea	Туре	103/1112	Amount	
YP lbf/100f	_	28					300 RPM			40										
Gels 10 sec		12					200 RPM			37										
Gels 10 min Fluid Loss mL/30m		16					100 RPM 6 RPM			28 17						1				
pH		9.5					3 RPM			11										
								FU	EL RECOF	RD					•					
Fuel Tank Loca	ation			Balance	d Yesterday (lit	ers)		Rig Engine		je (liters) 9,4	107		Receiv	red (liters)			On	H& (lite	rs)	
Rig					83,981			Light Vehi		39,4			1	6,000				86,099		
								Non Rig I	Bundling	4,0	000									
Base Camp Mini Camp		<u> </u>			3,643			Engine Basecamp 400			00	0				3,243				
TOTAL					87,624				1.	4,282			10	6,000			89,342			
								'	VEATHER	l										
TEMP (°C)				FOO	GGY & RAINING				BAF	ROMETRIC		WELLSITE			LC	OCATION	CONDIT	ON		
HIGH LOW		TIM	1E			RAIN DE	GREE		PRE	ESS (ATM)	ELEVATION (M)		ND SPEED	BAS	SECAMP	ACC	ESS ROAD	,	WELLSITE	
19 13											(M) 1968.00	(M) (KM/H)			Muddy				Muddy	
17 13						MWD/ GYRO SURVEY					1900.00				Judy		TTCL		Haday	
MD (m)	TVD (n	n)	Incl. (deg)		zm (deg)	DLS	(°/30 m)		tance to		A	bove / Belo	w f/ Plan,	m		Righ	nt / Left f/	Plan, m		
						PERSONNE										Millo	PUMPS			
COME	PANY		ON BOARD	ON SIT	E	FERSUNNE	COMPAN	NY			ON BOAI	RD O	SITE	PUMP NO.		ו שטויו	1	2	3	
GDE			6	2.1.021	GEOLOGIST		AI				1			Time	hh:mr	m		_		
APS			88		JV ADA-APS						3			Slow Speed?			N	N	N	
ETI			23		LEKOMARAS						0			Liner Lgt/Si	z in		12/7	12/7	12/7	
HALLIBURTON CEM	ENTING		3		SCHLUMBEI	RGER					0			Capacity	bbl/st		0.1429	0.1429		
AERATED INTRAFOOD			5		BAKER						0			Efficiency	95% CDM		0.1357	0.1357	7 0.1357	
IMS			18 24	1	NMS VARCO						0			Strokes Flow Rate	SPM gpm		80 456	80 456	+	
PARAMA DATA UNI	т		6	 	NOV CORIN	iG					0	-		Pressure	psi		1,050	1,050	,	
DYFCO		4 NPS									0	PRV						2,900		
PRIMA HIDROKARBON			3 RDN TOP DRIVE						3											
HALLIBURTON SPE	RRY		4		BSM MEDIC	2					3									
TOTAL POB:			194																	
HEAVY DUTY EQUIPMENTS ON SITE VEHICLE TYPE HIRED BY LOCATION REMARKS																				
VENICUE 11PE 11PE 11PE 1 LOCATION REPLACES Crawler Crance Kobelco 80T APS PPL-02																				
Forklift	5T			APS					PL-02	- t										
Forklift	Forklift 15T				APS				L/	D Area										
Roughter Crane Kato		55T			APS				P	PL-02										
	ì																			