

DAILY DRILLING REPORT PT. GEO DIPA ENERGI (Persero)



	Energi (Pers	ero)					16-Fe	b-23	(Persero)							
OPERATOR WELL/ PAI	-	PT. GEO DIPA ENERGI (Persero) VAME PTH-BB-9			CONTRACTOR FIELD			JV ADA - APS PATUHA				REPORT NO. ENVIRONTM		18 ONSHORE		
WELL TYPE	E/ PROFII				LATITUDE/ LONGITUDE DRILLING PARAMETERS			07° 10' 2.63" S / 107° 24' 5			56.89" E GL - MSL (M) AFE			1968 m-ASL		
RIG TYPE / RIG POWE KB ELEVAT MIDNIGHT PROGRESS PROPOSED	TION T DEPTH	ME LAND RIG / ARJUNA#88 AVERAGE WOB (24 HR HP 1,500 AVERAGE ROP (24 HR: 4 Meter 11.00 AVERAGE SURFACE RF PTH Meter 1,148 ON / OFF BOTTOM TOI Meter 117 FLOWRATE / SPP					ING PAR	KLBS M/HR KLBS-FT gpm/PSI	46-57 13-17 800-900	8-32 8.7 / 105-118 /5 / 12-14 / 1170-1660 0-1000	MATE / CO	UMULATIVE COS D COST VE MUD COST		%	USD 5,602,700.64 USD 75,285.32 USD 2,670,511.93 USD 8,952.31 USD 71,223.93	
SPUD DATE 29/01/2023 23:00:00 CORR. INHIB./ FOAM RATE						GPH KLBS		149/132		HT DRILLING SU	PV.		KETUT DY / EVI R BUDI SETIAWAN			
PLANNED DAYS 45 TOTAL DRILLING TIME								HRS		15.8	RIG SUPER	SUPERINTENDE INTENDENT	NT		YANUAR GHOZALI	
24 HOURS	SUMMAR	Y	24 klbft. 0 from 1145	Circulate hole cle 5 - 1146 mMD. R	an reduce torque w teturn-PLC. Unsucce	TON MILES 31 mMD to 1145 mMD. Return-PLC ith FR 800-910 gpm, SPP 800-1400 sssful /4" HS from 1148mMD - 1650 mMD	psi, RPM/M 40	0-60/103-		145 mMD). Atte		HSE SUPER formation from	m 1145-1146 mMD		que and s	
STATUS 05	:00 Hrs	17-Feb-	Continue	freeing stuck pip	e			HSE								
SAFETY PERFORMANCE HOURS RECORD Nearmiss KM Hrs Light Vehicle							12	HAZARD MANAGEMENT								
Incidents	idents KM Hrs Heavy Equipment					20)	PTW	13			BOP Drill/ Kick Drill Fire Drill				
Last MTI Last LTI	ast LTI Daily Safe Manhours / Cum Safe Manhours				2496/1.1		Pre Tour Meeti Observation Ca		2 201		Trip I	Orill		29-Jan-23		
Days w/out LTI 504.00 DWLTI Since ACCIDENT/ INCIDENT SUMMARY						1-Oct	ct-21 Safety Inspection/ Training 12 / 0 Medivac Drill SAFETY ISSUES						29-Jan-23			
					N/A								N/A			
Domestic \	Waste (m:	3)	4		MENTAL RECORD lous Waste (kg)				Fit for duty / M	ICU (person)	OC	CUPATIONA	IL HEALTH RECO	RD 96 /	2	
Hazardous Waste/B3 (kg Drill Cutting Vol (jumbo bag)					bag)	9	9 Clinic Visit 3 Number of Work Related Illnesses									
Spill Incidents (barrels) Other (BB)						Number of work Related Timesses Occupational Health Issue TIME BREAKDOWN										
ODEDAT	TONS F	OD DEDI	OD 00:00 1	O 24:00 H	RS Of Thu, 1	6-Feh-23	TIME BI	REAKE	DOWN							
TIME	, HH:MM	ELAPSED	DEPTH	PT/NPT	CODE	DESCRIPTION					ОР	ERATIONS				
0:00 20:00 20:30 22:30	20:00 20:30 22:30 0:00	20.0 0.5 1.5 0.5 24.0	1145 1146 1146 1148	PT PT NPT NPT	2a	Drilling Formation - Rotating Drilling Formation - Rotating Circulate / Condition Mud Unplanned Drilling Formation - Rotating Stuck Pipe Include Handling operations	DOF 12-1/4" HS with Steerable BHA. from 1031 mMD to 1145 mMD. Return-PLC. Got high torque & stall interval 1144-1145 mMD). DOF 2-32 kibs, FR 800-900 gpm, SPP 1160-1660 psi, RPM/M 46-57/105-118, Torque 12-17.6 kibs.ft, -Avg. Rop 8, 737 m/hrs. Temp in/out: 35/55°C. Bit Hrs : 14 hrs. (2um. 80 hrs) Pump Hours : 25.88 hrs. Sidie : 10 m, 1.60 hrs, 6.3 m/hrs, 9% (1068-1072, 1090-1096 mMD) MeB @1145 mMD = 5% Last Lithology: Lithic Tuff @1146 mMD - Clay = 15%, 10 = 0% P.C I C									5.ft Dipe stuck & hole pack
		OR PERI	OD 00:00 T	O 05:00 H	RS ON	Fri, 17-Feb-2023										
START	, HH:MM END	ELAPSED	DEPTH	PT/NPT	CODE	DESCRIPTION					OP	ERATIONS				
0:00	1:00	1.0	1148	NPT	2j	Stuck Pipe Include Handling operations	Cont' work on stuck pipe interval 1145-1146 mMD with 70-225 klbs. TQ 24 klbs. Return-PLC. Unsuccessful - Variously with FR 50 gpm - 800 gpm, SPP 200 - 1800 psi, SCFM 500-700 psi, Foam 6 gph, Inhibitor 4 gph Attempted to jar down (70 klbs). No fire Attempted to jar up (325 klbs). Fire. 3 x									
1:00	3:00	2.0	1148	NPT	2j	Stuck Pipe Include Handling operations	Work on stuck pipe interval 1145-1146 mMD. Got TLC Variously with FR 50 gpm - 400 gpm, SPP 500 psi - 2000 psi, SCFM 500- 2200 psi, Foam 6-14 gph, Inhibitor 4-10 gph									
3:00	4:00	1.0	1148	NPT	2j	Stuck Pipe Include Handling operations	Work on stuck pipe interval 1145-1146 mMD. with 70-225 kibs. TQ 24 kibs-ft. - Got return, load cutting and stone on shale shaker. - FR 350-600 gpm, SCFM 700-2200, SPP 200-1800 psi. Foam/Corr. 14/10 gph. - Found temp increase rapidly to 145 degree C. - Stop ADA air. Close pipe rams and bull head with 250 gpm, 375 psi for 10 minutes. Open pipe rams.									
4:00	5:00	1.0	1148	NPT	2j	Stuck Pipe Include Handling operations	Gont work on stuck pipe interval 1145-1146 mMD with 70-225 klbs. TQ 24 klbs-ft. TLC FR 350 gpm, 1050-1550 psi. 700-1500 SCFM, Foam/Corr. 14/10 gph.									
				GENERAL C	COMMENTS							SIGNAT				
Progress A	ctivity: 6	1%										REPORTE	U BY			
Estimated Estimated Estimated NPT Recon Rig Bundlin - Top Drivet Rig Bundlin	Mud Loss Cumulativ Water Los Cumulativ d ng Total N Hrs / Cu	ve Mud Los ss (24 Hrs) ve Water Lo IPT Record mm. 12.5 Ho IPT Record		23: / 2023).												
NPT Stuck	Rig Bundling Total NPT Record on February 2023: NIL NPT Stuck Pipe : 1.5 hrs / Cum 1.5 hrs NPT Circulate / Condition Mud Unplanned : 1.5 hrs / Cum 1.5 hrs									IT DARMANA Y LLING SUPERVI				YANUAR GE RIG SUPERINT		

	BIT	RECORDS														CAS	SING		
	6			7			ВН	IA #6		ВНА				Last Size		in	13-3		
Bit Number Bit Size in	12 1/4			12 1/4		DESCRIPTION		OD in		ngth m	DESCRI	PTION	OD in	Length m	Set MD Set TVD		m m	10 92	
Bit Run		1/4			R#1		BIT SUB	8		.23	12-1/4"	PDC	12 1/4	0.29	Last FIT I	MW	ppg	,,,	
Manufacturer/Type	SMITH / GE	0BOD1VCPS		SMITH / Z716		3 X 8" DC		8	0.51		8" M	IM	9 5/8	8.75	Next Size		in	10-3	3/4"
IADC Code			435		11.75" STAB		8		.22	8" FS w		8	0.62	Set MD		m	1,6		
Jets /32 in	435 3X32;1X18				X/O 6-5/8"		8 1/4	9.14		11-3/4"		8	2.06	TOL			1,0	30	
Serial #	RP4396		-	7x20 SN0261		1 X 6.5" DC		6 1/2		1.87	8" NM		8	8.25	102		m		
Depth In m				SNU261		9 X 5" HWDP		5		7.91	8" EM Repe		8	0.89		MUD V	DLUMES	1	
Depth Out m						SH JAR		6 1/2	0	1.76	8" EM Ante		8	0.87	Start		bbl 2,1		70
Meterage m						1 X 5" HWDP		5	9	.21	3 x 8" DC		8	27.80	Lost Surface bb			6	0
Bit Hours 24 hrs			81.80		1.80	1 X 5" DP SACRIFICE		5	83	3.38	XO		8 1/4	0.57	Lost DH bb			2,5	60
TFA in ²		010		15 X 5" HWDP		5	6	i.41	1 x 6-1/2" DC		6 1/2	9.38	Dumped bi			21			
Tot Krev On Bttm											9 x 5" H	WDP	5	83.53	Built		bbl	2,6	.00
Tot Krev											6 1/2" Sledgel	nammer jar	6 1/2	6.41	Ending		bbl	2,1	90
Dull Grade In	1-2-WT-G-E	1/16"-PG-TD	. 1	2-1-CT-N-Y-	1/16-NO-RHA						1 x 5" H	-IWDP	5	9.31					
Dun Grade In	12 WI GE	1/10 110 110	D 2-1-CT-N-X-1/16-NO-B		1/10 110 DITA						- 123	William		5.51					
Dull Grade Out	1-1-WT-G-	-I-RG-BHA									1 x 5" DP (sac	crifice joint)	5	9.57		SOLID CONTRO	L EQUIP	MENTS	
											15 x 5" HWDP		5	139.12	SHAKERS MODEL (TYP		(PE)	SCREEN SIZE	
															Shaker #1	DERRICK (FLC-		80/70/	
															Shaker #2	DERRICK (FLC-	2000-4)	100/80	/60
															Shaker #3	DERRICK (FLC-		80/70/	
	ļ													1	Mud Cleaner	DERRICK (FLC- FLC 2000		140/140/1	1 U/140
			-+						-					1	Hi-G Dryer Centrifuge	DE-1000			\longrightarrow
			-+					Total	14	9.63			Total	307.42	centilluge	DE 1000	+		+
			_ †													G	AS		
	MULATIVE					I D-4-	CORROSION RING		- D-1				BOP TEST		Max. Gas			-	
Meterage m Bit Hours Hrs	143.0 15.9		1		Instal	I Date Feb-23		Releas	e Date	Loc	cation	Date 1 13-Feb-23	2	Date 2	Conn. Gas Trip Gas			-	
ROP m/Hr	9.0		2		14-	1 (0-23		2		\vdash	+	13-160-23			Back Gas				
,	5.0					DRILLING F								MUD ADD			HYDRAU		
	40/ 1/01 =			ctive Tank	407.175	Dall	01			,	Active Tank			Туре	Amount	Annular Vel	m/m	in 1:	3.43
Mud Type Time HH:MN	1% KCI Pol 1 11:00	mer 1 ^o		Polymer :00	1% KCI I 23:		CI K	mg/l mg/l					_	XCD Lubricant	58 1	Pb Sys HHP	psi	18	31.47
MW in ppg	8.5			3.5	8.		MBT	mg/i lb/bbl						KCI		HHPb	hp	1	111
MW out ppg	8.5		8.	3.5	8.	5	Sand	%						Caustic soda	4	HSI	hp/ir	12	
Temp in degC	40		4		4:		Solid Content	%	-							% psi bit	%		2.87
Temp out degC Pres. Grad psi/ft	51		5	53	5!	5	Retort Water HGS	% %	98	3	98	98				Jet Velocity Impact force	m/se		7.13 13.23
Funnel Visc sec	46		4	16	4	5	LGS	%			-					IF/area	lbs/ii		3.23
PV cP	10		1	10	10)	600 RPM		43		42	42				Type		Amou	nt
YP lbf/100f Gels 10 sec			2		2:		300 RPM		33 26		32	32 24							
Gels 10 sec Gels 10 mir				8	17		200 RPM 100 RPM		18		24 17	17							
Fluid Loss mL/30m	nin						6 RPM		12		11	11							
pH	10		1	.0	10)	3 RPM		9		8	8							
Fuel Tank Loca	ation I			Ralancer	Yesterday (I	iters)	1	FUE	L RECORD Usage (Recei	ved (liters)			On H& (li	ters)	
						,		Rig Engines	+ Others	13,9									
Rig	101,035							Light Vehicle/ HDE 37 Non Rig Bundling 0			73			0	86,76			2	
Base Camp					5,414			Engine Ba	secamp	54							4,872	2	
Mini Camp																			
TOTAL					106,449				14,8 /EATHER	:15				0			91,63	4	
TEMP (°C)				FOG	GY & RAININ	G				METRIC	V	WELLSITE			LO	CATION COND	ITION		
											ELEVATION		SPEED						
HIGH LOW	TIME					KAII	N DEGREE		PRESS	S (ATM)	(M)	(K	M/H)	BASI	ECAMP	ACCESS ROAD		WELLSITE	
19 13								Miller	GYRO SUR	VEV	1968.00			M	uddy	Wet		Mudd	у
MD (m)	TVD (m)	Incl. (d	deg)	Az	m (deg)	D	LS (°/30 m)		tance to Pla		Ai	bove / Belov	w f/ Plan	, m		Right / Let	t f/ Plan.	m	
1051.8	962.71	36.8	31	- 3	300.94		0.60		5.02		-	3.74		above		-3.34		right	
1080.8 1109.8	986.76 1008.36	37.9 39.7			300.75 299.58		1.14 2.00	-	4.34 4.09			-2.40 -1.74		above above	-	-3.62 -3.70		right right	
·						PERSON	NEL				•					MUD PUMPS		g.	
	PANY	ON BO	ARD	ON SITE			COMPAN	Υ			ON BOARD	ON:		PUMP NO.		1	2	1	3
GDE		5	[GEOLOGIS		·				1			Time	hh:mn				
APS ETI		90			JV ADA-AF							3		Slow Speed? Liner Lgt/Size	y/n in	N 12/7	12		N 12/7
HALLIBURTON CEMENTING		3				AS ERGER (SMI	(TH)					0		Capacity	bbl/st				0.1429
AERATED		5			BAKER/NO		,				1			Efficiency	95%	0.135			0.1357
INTRAFOOD		19			VISITOR O					1				Strokes	SPM	80	8		80
IMS PARAMA DATA UNIT		23			VARCO					0				Flow Rate	gpm	456	45		456
PARAMA DATA UNIT	ı	7	}		NPS NPS	TON WIREL	.INE			0 4		+	Pressure PRV		psi psi	1,050 2,900			1,050 2,900
	PRIMA HIDROKARBON				NMS						5	+-			psi	2,900	2,5		-,500
HALLIBURTON SPE	3			SUCOFINE	00					2	+					+	-		
BSM MEDIC		3																	
TOTAL POB:		208	3																
VEHTOLE	T1/0-				HARES	DV	HE	AVY DUTY E			-				DE1445.				
VEHICLE Crawler Crane Kobelco	TYPE 80T				HIRED			LOCATION PPL-02				REMARKS							
Forklift					APS			PPL-02 PPL-02											
	15T					L/D A	Area												
Forklift	Roughter Crane Kato 55T			APS APS															7
Roughter Crane Kato					APS				PPL-	-02									
Roughter Crane Kato					APS	i			PPL-	-02									