



OPERATOR		PT. GEO DIPA ENERGI (Persero)		CONTRACTOR		JV ADA - APS		REPORT NO. #		59	
WELL / PAD NAME		PTH-BB-9A-ST		FIELD		PATUHA		ENVIRONMENT		ONSHORE	
WELL TYPE / PROFILE		BIG HOLE / J-TYPE		LATITUDE / LONGITUDE		07° 10' 02.79" S / 107° 24' 57.29" E		GL - MSL (M)		1950 m-ASL	
GENERAL				DRILLING PARAMETERS				AFE			
Rig TYPE / NAME		LAND RIG / ARJUNA#88		AVERAGE WOB (24 HRS)		KLBS		2-16		AFE NUMBER / AFE COST	
RIG POWER		HP		AVERAGE ROP (24 HRS)		M/HR		7,87		DAILY COST	
KB ELEVATION		Meter		AVERAGE SURFACE RPM / DHM				65 - 70 /		% AFE / CUMULATIVE COST #DIV/0!	
MIDNIGHT DEPTH		Meter		ON / OFF BOTTOM TORQUE		KLBS-FT		12,5 - 13 / 10 - 11		DAILY MUD COST	
PROGRESS		Meter		FLOWRATE / SPP		gpm/PSI		950 - 1000 / 2000 - 2350		CUMULATIVE MUD COST	
PROPOSED TD		Meter		AIR RATE		SCFM		600 - 700		PERSONNEL IN CHARGE	
SPUD DATE		19/04/2023 08:30:00		CORR. INHIB. / FOAM RATE		GPH		4 / 10		DAY / NIGHT DRILLING SUPV.	
RELEASE DATE				PUW/SOW/ROTW		KLBS		205 / 130 / 160		BUDI SETIAWAN	
PLANNED DAYS		70		TOTAL DRILLING TIME		HRS		7.9		RIG SUPERINTENDENT	
DAYS f/ RIG RELEASE				TON MILES				419.0		DRILLING ENGINEER	
										HSE SUPERVISOR	
24 HOURS SUMMARY		Cont'd Defensive DOF (Blind Drilling) 12-1/4" with aerated water from 1484 to 1561 mMD. Attempt to free stuck pipe with work on pipe range 1560-1554 mMD.									
24 HOURS FORECAST		Continue attempt to free stuck pipe. POOH 12-1/4" Bit + Rotary BHA to Surface. Running 10-3/4" Perforated Liner									
STATUS 05:00 Hrs 18-Jun-23		Cont'd attempt to free stuck pipe									

HSE									
SAFETY PERFORMANCE		HOURS RECORD		HAZARD MANAGEMENT		EMERGENCY DRILLS			
Nearmiss		KM Hrs Light Vehicle	158	JSA/ HIRA	19	H2S Drill		3-Jun-23	
Incidents		KM Hrs Heavy Equipment	337	PTW	19	BOP Drill/ Kick Drill			
Last MTI		Total Daily Personnel	207	Pre Tour Meeting	2	Fire Drill		17-Apr-23	
Last LTI		Daily Safe Manhours / Cum Safe Manhours	2,484/1,449,436	Observation Card	305	Trip Drill			
Days w/out LTI	625.00	DWLTI Since	1-Oct-21	Safety Inspection/ Training	17/01	Medivac Drill		3-Jun-23	
ACCIDENT/ INCIDENT SUMMARY					SAFETY ISSUES				
N/A					N/A				
ENVIRONMENTAL RECORD					OCCUPATIONAL HEALTH RECORD				
Domestic Waste (m3)	4	Hazardous Waste (kg)		Fit for duty/ MCU (person)				96/4	
Hazardous Waste/B3 (kg)		Drill Cutting Vol (jumbo bag)	0	Clinic Visit				5	
Spill Incidents (barrels)		Other (BB)		Number of Work Related Illnesses					
Enviro/ Community Issues		Cummulative 24 Hrs		Occupational Health Issue					

TIME BREAKDOWN

OPERATIONS FOR PERIOD 00:00 TO 24:00 HRS O Sat, 17-Jun-23

TIME, HH:MM			DEPTH	PT/NPT	CODE	DESCRIPTION	OPERATIONS
START	END	ELAPSED					
0:00	17:30	17.5	1561	PT	2a	Drilling Formation - Rotating	<p>Cont'd Defensive DOF (Blind Drilling) 12-1/4" PDC smith Stingblade Bit + BHA #33 rotary with aerated water from 1484 to 1561 mMD/1393 mTVD. No return</p> <ul style="list-style-type: none"> - Parameter : WOB: 2-16 klbs, FR 950-1000 gpm, SPP 2000-2350 psi, RPM 65-70, TQ 11-14 klb.ft, ADaPress 2050-2400 psi, aerated rate 600-700 SCFM, Foam/Corr Inhib : 10/4 gph, Avg. ROP 7.87 m/hrs - Bit Hrs : 9.79 hrs / Cumu 46.57 hrs, Krev OB/Tot : 208/463 - Last PU/SO/RT @1541 mMD : 205 / 130 / 160 - Got high torque at 1484 - 1485 mMD up to 17 klb.ft - Work on pipe and polish depth range 1484 - 1477 mMD. No return - Swept Hi-Visc 50 bbls + 1% lubricant at 1485, 1494, 1521, 1531, 1540 mMD <p>Note :</p> <ul style="list-style-type: none"> - Swept Hi-Visc 50 bbls every joint or stand down - Connection 1 joint of bottom - Drilling break: @1545.5 - 1546.5 mMD, ROP 9 mph, WOB decrease gradually from 12 klbs to 0.5 klbs, no SPP drop - After standdown, circulate and working pipe. Encountered pack off at 1560 mMD, TQ increased 27 klbft, SPP increase 2600 psi. Attempt to pull out, got overpull 50 klbs
17:30	0:00	6.5	1561	NPT	2j	Stuck Pipe Include Handling operations	<p>Attempt to free stuck pipe with work on pipe range 1560-1554 mMD. No return</p> <ul style="list-style-type: none"> - Parameter : FR 200-800 gpm, SPP 850-2500 psi, ADaPress 900-2550 psi, aerated rate 700-2600 SCFM, Foam/Corr Inhib : 10-26/4-14 gph, hoakload 75 - 300 klbs - Gradually increase aerated rate and decrease flow rate - Got rotate at 1555-1559 mMD , got high torque and stalled - Swept Low-Vis + 2% lubricant at 1558 x 3, 1559 mMD
TOTAL HRS		24.0					

OPERATIONS FOR PERIOD 00:00 TO 05:00 HRS ON	Sun, 18-Jun-2023
---	------------------

TIME, HH:MM			DEPTH	PT/NPT	CODE	DESCRIPTION	OPERATIONS
START	END	ELAPSED					
0:00	5:00	5.0	1561	NPT	2j	Stuck Pipe Include Handling operations	<p>Cont'd Attempt to free stuck pipe with work on pipe range 1560-1554 mMD. No return - intermittent</p> <ul style="list-style-type: none"> - Parameter : FR 200-400 gpm, SPP 1450-1570 psi, 0-70 rpm, TQ 0-25 klb.ft ,ADApres 1450-1680 psi, aerated rate 2600 SCFM, Foam/Corr Inhib : 20-24/10, hookload 75 - 300 klbs - Tension with hookload 300 klbs for 10-15 minutes - Try rotate after tension, TQ up to 25 klb.ft, stall - Repeat the steps above - Got return-intermittent after 30 minutes increase foam from 20 to 24 gph - Cutting return during attempt to free stuck pipe, 0.1 - 1 cm cutting size, 30% IO - Swept Low-Vis + 2% lubricant 100 bbls at 1557 mMD

GENERAL COMMENTS		SIGNATURE	
		REPORTED BY	
<p>Progress Activity: 58%</p> <p>KOP: 166 mMD</p> <p>Estimated Mud Loss (24 Hrs) : ± 650 Bbls.</p> <p>Estimated Cumulative Mud Loss : ± 26115 Bbls</p> <p>Estimated Water Loss (24 Hrs) : ± 30235 Bbls.</p> <p>Estimated Cumulative Water Loss : ± 282326 Bbls</p> <p>NPT Record</p> <p>Rig Bundling Total NPT Record on April 2023 : Cumm 5 hrs</p> <p>Rig Bundling Total NPT Record on May 2023 : Cumm 17 hrs</p> <p>Rig Bundling Total NPT Record on June 2023 : Cumm 38 hrs</p> <p>- TDS : 0 Hrs / Cumm. 38 Hrs</p> <p>NPT Stuck Pipe : 6.5 Hrs / Cumm 62 Hrs</p> <p>NPT Reaming Unplanned : Cumm 130 hrs</p>		<p>KETUT D. Y.</p> <p>DRILLING SUPERVISOR</p>	<p>NISAR JAHRI</p> <p>RIG SUPERINTENDENT</p>

BIT RECORDS				12-1/4" PDC SMITH (New) S.N QF8698 (BHA#32)			12-1/4" PDC SMITH (RR#1) S.N QF8698 (BHA#33)			CASING				
16		17												
Bit Number	12	11RR#1	DESCRIPTION			OD in	Length m	DESCRIPTION	OD in	Length m	Last Size	in	13-3/8"	
Bit Size	12-1/4"	12-1/4"									Set MD	m	1,011	
Bit Run	1	2	12 1/4" PDC Bit			12 1/4	0.33	12 1/4" PDC Bit	12 1/4	0.29	Set TVD	m	925.0	
Manufacturer/Type	SMITH/PDC	SMITH/PDC	8" Terra Force Lube			8	9.50	8" Bit Sub w/ Float Valve	8	0.95	Last FIT EMW	ppg	11.7	
IADC Code			8" Float Sub			8	0.58	8" Pony DC	8	2.57	Next Size	in	10-3/4"	
Jets /32 in	1x18, 5x20, 1x22	1x18, 5x20, 1x22	11 3/4" Integral Blade Stab			8	2.41	11-1/2" Integral Blade Stab	11 1/2	2.46	Set MD	m	1,800	
Serial #	QF8698	QF8698	8" Pony NMDC			8	2.94	3 x 8" DC	8	27.93	TOL	m	1,770	
Depth In	m	1,157.0	8" EM Repeater Sub			8	1.89	X/O	6 7/9	0.92	MUD VOLUMES			
Depth Out	m	1,181.0	8" EM Antenna Sub			8	27.93	3 x 6-1/2" DC	6 1/2	27.78	Start	bbl	2,186	
Meterage	m	24.00	3 x 8" DC			8	0.51	9 x 5" HWDP	5	81.96	Lost Surface	bbl		
Bit Hours	24 hrs	2.70	X/O			6 7/9	9.11	6-1/2" JAR	6 1/2	6.4	Lost DH	bbl	650	
TFA	in ²	2.154	1X6-1/2" DC			6 1/2	82.04	16 x 5" HWDP	5	146.39	Dumped	bbl		
Tot Krev On Bttm		30.4	9 x 5" HWDP			5	6.4	FS ADA	5	0.89	Built	bbl	650	
Tot Krev		78.3	463			6 1/2	146.39				Ending	bbl	2,186	
Dull Grade In		NB	1-1-WT-A-X-IN-NO-BHA			16 x 5" HWDP	5				SOLID CONTROL EQUIPMENTS			
Dull Grade Out		1-1-WT-A-X-IN-NO-BHA									SHAKERS	MODEL (TYPE)	SCREEN SIZE	
											Shaker #1	DERRICK (FLC-2000-4)	120/100/70	
											Shaker #2	DERRICK (FLC-2000-4)	120/100/70	
											Shaker #3	DERRICK (FLC-2000-4)	120/100/70	
											Mud Cleaner	DERRICK (FLC-2000-4)	230/230/230/230	
											Hi-G Dryer	FLC 2000-4		
											Centrifuge	DE-1000		
											GAS			
CUMULATIVE			CORROSION RING			BOP TEST			Max. Gas				-	
Meterage	m	404.0	Install Date			Release Date		Location		Date 1		Date 2		Conn. Gas
Bit Hours	Hrs	46.6	10-Jun-23			1		Between HWDP & DP		18-Apr-23				Trip Gas
ROP	m/Hr	8.7	2			2		Between HWDP & DP						Back Gas
DRILLING FLUID				MUD ADDITIVE				HYDRAULIC						
		Active Tank			Active Tank			Type		Amount		Annular Vel		
Mud Type		WATER	WATER	WATER	CI	mg/l		XCD	23	Pb				
Time	HH:MM	11:30	16:30	23:30	K	mg/l		Caustic soda	2	Sys HHP	psi			
MW in	ppg	8.3	8.3	8.3	MBT	lb/nml		Lubricant	6	HHPb	hp			
MW out	ppg	8.3	8.3	8.3	Sand	%				HSI	hp/in2			
Temp in	degC				Solid Content	%				% psi bit	%			
Temp out	degC				Retort Water	%				Jet Velocity	m/sec			
Pres. Grad	psi/ft				HGS	%				Impact force	lbs			
Funnel Visc	sec	27	27	27	LGS	%				IF/area	lbs/in2			
PV	cP				600 RPM					Type	Amount			
YP	lb/100ft2				300 RPM									
Gels	10 sec				200 RPM									
Gels	10 min				100 RPM									
Fluid Loss	mL/30min				6 RPM									
pH		6	6	6	3 RPM									
FUEL TANK LOCATION														
Rig		48,279			Usage (liters)		Received (liters)		On H& (liters)					
					Rig Engines + Others		15,414				50,279			
Base Camp		5,842			Light Vehicle/ HDE		336		24,000		5,442			
					Non Rig Bundling		6,250							
Mini Camp					Engine Basecamp		400							
TOTAL		54,121			22,400		24,000				55,721			
WEATHER														
TEMP (°C)		FOGGY & RAINING			BAROMETRIC			WELLSITE		LOCATION CONDITION				
HIGH	LOW	TIME		RAIN DEGREE		PRESS (ATM)		ELEVATION (M)		WIND SPEED (KM/H)		BASECAMP		
19	11							1968.00				Muddy		
												Wet		
												Muddy		
MWD/ GYRO SURVEY														
MD (m)	TVD (m)	Incl. (deg)	Azm (deg)	DLS (°/30 m)	Distance to Plan, m		Above / Below f/ Plan, m			Right / Left f/ Plan, m				
PERSONNEL														
COMPANY		ON BOARD	ON SITE	COMPANY		ON BOARD	ON SITE	PUMP NO.		MUD PUMPS				
GDE		6		GEOLOGIST		1		Time		hh:mm	1	2	3	
APS		85		JV ADA-APS		3		Slow Speed?		y/n	N	N	N	
ETI		22		LEKOMARAS		3		Liner Lgt/Size		in	12/7	12/7	12/7	
HALLIBURTON CEMENTING		5		SCHLUMBERGER		1		Capacity		bbl/stk	0.1429	0.1429	0.1429	
AERATED		6		BAKER		0		Efficiency		95%	0.1357	0.1357	0.1357	
INTRAFOOD		18		NMS		2		Strokes		SPM	80	80		
IMS		23		VARCO		4		Flow Rate		gpm	456	456		
PARAMA DATA UNIT		7		VISITOR PKL		0		Pressure		psi	1,050	1,050		
DYFCO		4		NPS		5		PRV		psi	2,900	2,900	2,900	
PRIMA HIDROKARBON		3		RDN TOP DRIVE		4								
HALLIBURTON SPERRY		2		BSM MEDIC		3								
TOTAL POB :		207												
HEAVY DUTY EQUIPMENTS ON SITE														
VEHICLE		TYPE	HIRED BY		LOCATION		REMARKS							
Crawler Crane Kobelco		80T	APS		PPL-02									
Forklift		5T	APS		PPL-02									
Forklift		15T	APS		L/D Area									
Roughter Crane Kato		55T	APS		PPL-02									