

FORMATION LOGGING REPORT

WELL: BDC-2-04

Report No: 14
Corresponding DDR 14

COMPANY:	INPEX	Rig:	Maersk Deliverer	Field:	ICHTHYS	Last Survey	Depth	2424.58 m			
DATE:	22-Sep-21	TIME:	2400 hrs	Last Casing Size:	26"	TOL (7.0"):	Liner Shoe:	Inc (deg)	33.24 °		
Midnight Depth:	2462.0 m	TVD:	2388.0 m	TVD LAT:	2355.5 m	Shoe Depth:	689.0 m	LOT/FIT:	sg EMW	Azi:	228.18 °
RIG OPERATIONS:	Repair & troubleshoot wash pipe										
REPORT BY:	Shiva Hosmut / Robert Findlay										
REPORT RECEIVED BY: Sam McLennan / Jeremy Ellis											

DRILLING REPORT

Bit No:	3	Type / SL#:	Hybrid KTX633 / 5269224	Make:	Kymera	Size :	17.5"	Jets:	3 x 14's, 6 x 15's	TFA (m ²):	1.487
Total Bit Distance:	1767.0 m	Total onbtm Hrs(Tot / cmt):	92.34 0.99	Avg Bit ROP (m/hr):	19.1	Total Krevs(on btm)/Total / Cmt:	1009.52	6.45		Total Circ Hrs :	135.82
24 hr Bit Distance:	135.0 m	Daily Bit Hours:	19.32	24hrs ROP (m/hr):	7.0	Daily Krevs(on btm):	269.84			Daily Circ Hrs:	21.96
Total Sliding hrs for run	16.90 hrs	Total drilling hrs for run	75.44 hrs	Jars hrs ON btm (24hrs/Total)	19.32	75.44					
Total bit rot hrs for run	92.34 hrs	Total bit rot hrs due to motor n	16.90 hrs	Total bit rot hrs due to string	75.44 hrs						
SPP (Min / Max):	2391 / 2970 PSI	GPM (Min / Max):	1129 / 1198 GPM	TQ (kft-lb) (Min / Max):	9.1 / 12.9	S RPM (Min/max/AVG):	88 / 121 / 99	WOB (klb) (Min / Max):	10.2 / 29.6		
SPP Avg:	2795 PSI	GPM Avg:	1195 GPM	TQ (kft-lb)Avg:	11.4	Bit RPM (Min/max/AVG):	219 / 253 / 230	WOB (klb) Avg :	22.7		
SPM1 (Min/Max/Avg)	0 / 62 / 58 stk	SPM2 (Min/Max/Avg)	0 / 71 / 63	SPM3 (Min/Max/Avg)	54 / 96 / 72 stk	SPM4 (Min/Max/Avg)	54 / 96 / 66 stk				
SPM1 Flow (Max/Avg)	363 / 339 GPM	SPM2 Flow (Max/Avg)	415 / 369	SPM3 Flow (Max/Avg)	562 / 421 GPM	SPM4 Flow (Max/Avg)	562 / 386 GPM				
Rotating hrs on bottom (24hrs/Total) :	19.32 / 92.34	Motor Krev on btm (24hrs/Total)	152.46 / 688.73	String Krev on btm (24hrs/Total)	117.38 / 320.79	Ditch Magnet 24hr Wt:	270 gms	Section Ditch Magnet total Wt	3670 gms		

HYDRAULICS REPORT

Mud Density In:	1.110 sg	Mud Density Out:	1.110 sg	ECD:	1.141 sg	PV/YP:	14 / 31 cp // lbs/100ft2
Gels:	24 / 42 / 43 lbs/100ft2	Chlorides:	15400 mg/L	Temp In:	36.9 °C	Temp Out:	45.5 °C
Hole Volume:	bbl	Annular Volume:	bbl	Tubing Volume:	bbl	Calculated Lag:	stk

OPERATIONS SUMMARY

Continue directional drilling 17.5" hole from 2327m to 2462m with pumping few scouring & SATP pill to improve ROP. Troubleshoot wash pipe leak at report time is in progress.Total loss for 24hrs = 792.3bbl

GEOLOGY :

Depth (m)	Lithology	ROP range (Min / Max / Avg)
2327 - 2360	100% Claystone	1.19 / 10.06 / 3.64
2360 - 2462	Predominately Calcareous Claystone with thin bands of Argillaceous Calcilutite	2.18 / 18.38 / 5.33

BACKGROUND GAS OUT SUMMARY

Depth Interval	Total Gas %	C1	C2	C3	iC4	nC4	iC5	nC5
2327 - 2454	0.05	71	0	0	0	0	0	0

BACKGROUND GAS IN SUMMARY

Depth Interval	Total Gas %	C1	C2	C3	iC4	nC4	iC5	nC5

GAS OUT PEAKS

Depth (m)	Total Gas %	C1	C2	C3	iC4	nC4	iC5	nC5	BG%	Gas type

GAS IN PEAKS

Depth (m)	Total Gas %	C1	C2	C3	iC4	nC4	iC5	nC5	BG%	Gas type

FG: Formation Gas, CG:Pipe Connection Gas, DC: Dummy Connection Gas, TG: Trip Gas, PO: Pump Off Gas, FC: Flow Check Gas, SWB: Swab Gas, SCR: Gas from SCR, WTG: Wiper Trip Gas. DFC: Dynamic Flow check Gas

GAS SENSOR STATUS

Sensor Type	Date of Calibration/Test	Status	Comment
LEL Sensor (Pits, shaker & Drill floor area)	15-Aug-20	Bump Test	Working
H2S Sensor (Pits, shaker & Header box, rigfloor)	15-Aug-20	Calibrated	Working
Gas THA Out and IN Equipment no-11868472-001 and 12088033	14-Sep-21	Calibrated with 1% & 10%	Working
Gas Chromatograph In/ Equipment no- 11883509	14-Sep-21	Calibrated with 1000ppm & 500 ppm mix gas	Working
Gas Chromatograph Out/ Equipment no- 12088039	14-Sep-21	Calibrated with 1000ppm & 500 ppm mix gas	Working
Gas THA & Chromatograph BIU / Equipment no-12088032	3-Aug-21	Calibrated	2 x Backup THA Working (Standby)

EQUIPMENT STATUS

Item	Action	Status	Comment
Installed Mud weight IN, Conductivity IN sensor, wired up to junction box.	Mud Weight IN ensor is not getting proper value.	Under investigation	Sensor master is not communicating with Slave. Troubleshooting is in progress. Waiting suggestion from town technician. Conductivity IN is working OK
Done function test on SDL shutdown system. On 09Sep2021	-	Observed no alarm was set on PDC for shutdown system	under investigation
Fire sensor at wet end of unit triggered resulting in the unit powering down	Removed sensor and replaced it before purging and reinstating power	Investigating permanent solution	

SDL CREW STATUS

Name	Position	Date Arrived	Expected Crew Change Date
Shiva Prasad Hosmut	DE	30-Aug-21	27-Sep-21
Robert Findlay	DE	13-Sep-21	4-Oct-21
Larry Pagana	ML	20-Sep-21	27-Sep-21
James Cranfield	ML	16-Sep-21	TBC