

## FORMATION LOGGING REPORT

WELL: BDC-2-04

Report No: 13  
Corresponding DDR 13

COMPANY:	INPEX	Rig:	Maersk Deliverer	Field:	ICHTHYS	Last Survey	Depth	2300.52 m			
DATE:	21-Sep-21	TIME:	2400 hrs	Last Casing Size:	26"	TOL (7.0"):	Liner Shoe:	Inc (deg)	31.27 °		
Midnight Depth:	2327.0 m	TVD:	2274.4 m	TVD LAT:	2241.9 m	Shoe Depth:	689.0 m	LOT/FIT:	sg EMW	Azi:	228.37 °
RIG OPERATIONS:	Drilling 17.5" hole										
REPORT BY:	Shiva Hosmut / Robert Findlay										
REPORT RECEIVED BY: Sam McLennan / Jeremy Ellis											

## DRILLING REPORT

Bit No:	3	Type / SL#:	Hybrid KT633 / 5269224	Make:	Kymera	Size :	17.5"	Jets:	3 x 14's, 6 x 15's	TFA (m <sup>2</sup> ):	1.487
Total Bit Distance:	1632.0 m	Total onbtm Hrs(Tot / cmt):	73.02 0.99	Avg Bit ROP (m/hr):	22.4	Total Krevs(on btm)/Total / Cmt:	739.68	6.45	Total Circ Hrs :	113.86	
24 hr Bit Distance:	66.0 m	Daily Bit Hours:	13.14	24hrs ROP (m/hr):	5.0	Daily Krevs(on btm):	181.28		Daily Circ Hrs:	18.19	
Total Sliding hrs for run	16.90 hrs	Total drilling hrs for run	56.12 hrs	Jars hrs ON btm (24hrs/Total)	13.14	56.12					
Total bit rot hrs for run	73.02 hrs	Total bit rot hrs due to motor n	16.90 hrs	Total bit rot hrs due to string	56.12 hrs						
SPP (Min / Max):	2278 / 2672 PSI	GPM (Min / Max):	1143 / 1205 GPM	TQ (kft-lb) (Min / Max):	8.2 / 10.7	S RPM (Min/max/AVG):	79 / 120 / 99	WOB (klb) (Min / Max ):	2.6 / 19.9		
SPP Avg:	2574 PSI	GPM Avg:	1184 GPM	TQ (kft-lb)Avg:	9.8	Bit RPM (Min/max/AVG):	207 / 252 / 230	WOB (klb) Avg :	13.2		
SPM1 (Min/Max/Avg)	0 / 31 / 15 stk	SPM2 (Min/Max/Avg)	65 / 98 / 71	SPM3 (Min/Max/Avg)	55 / 93 / 66 stk	SPM4 (Min/Max/Avg)	0 / 76 / 65 stk				
SPM1 Flow (Max/Avg)	187 / 88 GPM	SPM2 Flow (Max/Avg)	573 / 415	SPM3 Flow (Max/Avg)	544 / 386 GPM	SPM4 Flow (Max/Avg)	445 / 380 GPM				
Rotating hrs on bottom (24hrs/Total) :	13.14 / 73.02	Motor Krev on btm (24hrs/Total)	102.54 / 536.27	String Krev on btm (24hrs/Total)	78.74 / 203.41	Ditch Magnet 24hr Wt:	340 gms	Section Ditch Magnet total Wt	3400 gms		

## HYDRAULICS REPORT

Mud Density In:	1.110 sg	Mud Density Out:	1.110 sg	ECD:	1.120 sg	PV/YP:	12 / 28 cp // lbs/100ft2
Gels:	14 / 25 / 30 lbs/100ft2	Chlorides:	14800 mg/L	Temp In:	33.9 °C	Temp Out:	40.1 °C
Hole Volume:	bbl	Annular Volume:	bbl	Tubing Volume:	bbl	Calculated Lag:	stk

## OPERATIONS SUMMARY

Continue directional drilling 17.5" hole from 2261m to 2277m with pumping few scouring & SATP pill to improve ROP, troubleshooteed washpipe leak, Continued directional drilling 17.5" hole from 2277m to 2261m with pumping few scouring & SATP pill to improve ROP at report time. Further drilling is in progress.Total loss for 24hrs = 397.9 bbl

## GEOLOGY :

Depth (m)	Lithology	ROP range (Min / Max / Avg)
2261 - 2327	100% Claystone	0.36 / 8.32 / 4.05

## BACKGROUND GAS OUT SUMMARY

Depth Interval	Total Gas %	C1	C2	C3	iC4	nC4	iC5	nC5
2261 - 2327	0.04	47	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 B/U / 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	TBC
James Cranfield	ML	16-Sep-21	TBC