

FORMATION LOGGING REPORT

WELL: BDC-2-04

Report No: 5  
Corresponding DDR 5

COMPANY:	INPEX		Rig:	Maersk Deliverer		Field:	ICHTHYS		Last Survey	Depth	351.83 m		
DATE:	13-Sep-21		TIME:	2400 hrs		Last Casing Size:	363.1		TOL (7.0"):	Liner Shoe:		Inc (deg)	0.16 °
Midnight Depth:	363.1 m		TVD:	363.1 m		TVD LAT:	330.6 m		Shoe Depth:	LOT/FIT:		sg EMW	Azi: 284.65 °
RIG OPERATIONS:	Toolbox talk prior to perform 36"conductor cement job												
REPORT BY:	Shiva Hosmut / Robert Findlay												
REPORT RECEIVED BY: Greg Watkins / Emily Wisbey													

DRILLING REPORT

Bit No:	1	Type / SL#:	Tri-Cone / Mill Tooth Bit	Make:	Varel (L111)	Size :	44"	Jets:	3 x 22's, 3 x 28's 1 x 32	TFA (in <sup>2</sup> ):	3.703
Total Bit Distance:	61.0 m	Total onbtm Hrs(Tot / cmt):	6.81 0.00	Avg Bit ROP (m/hr):	9.0	Total Krevs(on btm)	Total / Cmt: 20.2	0.00		Total Circ Hrs :	9.62
24 hr Bit Distance:	363.1 m	Daily Bit Hours:	6.81	24hrs ROP (m/hr):	53.3	Daily Krevs(on btm):	20.20			Daily Circ Hrs:	9.62
Total Sliding hrs for run	N/A hrs	Total drilling hrs for run	0.00 hrs	Jars hrs ON & OFF btm (24hrs/Total)							
Total bit rot hrs for run	6.81 hrs	Total bit rot hrs due to motor n	N/A hrs	Total bit rot hrs due to string	6.81 hrs						
SPP (Min / Max):	40 / 1563 PSI	GPM (Min / Max):	205 / 1207 GPM	TQ (kft-lb) (Min / Max):	0.9 / 6.6	S RPM (Min/maxi/AVG):	20 / 81 / 57			WOB (kib) (Min / Max ):	2.7 / 15.4
SPP Avg:	1114 PSI	GPM Avg:	1021 GPM	TQ (kft-lb)Avg:	2.7	Bit RPM (Min/maxi/AVG):	20 / 81 / 57			WOB (kib) Avg :	8.2
SPM1 (Min/Max/Avg)	17 / 100 / 66 stk	SPM2 (Min/Max/Avg)	17 / 100 / 64	SPM3 (Min/Max/Avg)	0 / 67 / 44 stk	SPM4 (Min/Max/Avg)	0 / 0 / 0			stk	
SPM1 Flow (Max/Avg)	585 / 386 GPM	SPM2 Flow (Max/Avg)	585 / 374	SPM3 Flow (Max/Avg)	392 / 257 GPM	SPM4 Flow (Max/Avg)	-			GPM	
Rotating hrs on bottom (24hrs/Total) :	6.81 / 6.81	Motor Krev on btm (24hrs/Total)	N/A	String Krev on btm (24hrs/Total)	20.2 / 20.2	Ditch Magnet 24hr Wt:	0 gms			Section Ditch Magnet total Wt	0 gms

HYDRAULICS REPORT

Mud Density In:	1.050 sg	Mud Density Out:	- sg	ECD:	1.070 sg	PV/YP:	21 / 43 cp // lbs/100ft2
Gels:	33 / 91 lbs/100ft2	Chlorides:	700 mg/L	Temp In:	21.0 °C	Temp Out:	- °C
Hole Volume:	- bbl	Annular Volume:	- bbl	Tubing Volume:	- bbl	Calculated Lag:	- stk

OPERATIONS SUMMARY

Continued to wait for low tide. Tag sea bed at 302.1m, Spud well at 07:30hrs, Drill 44"hole to 363.1m as section TD, POOH ~208m, SDL changed depth tracking from main side to Auxiliary side, Ran in 36"conductor as per plan. Performed pre job JSA / TBT prior to 36"conductor cementing job at report time. Total mud lost in 24hrs = 0 bbls.

GEOLOGY :

Depth (m)	Lithology	ROP range (Min / Max / Avg)

BACKGROUND GAS OUT SUMMARY

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

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, rig floor)	15-Aug-20	Calibrated	Working
Gas THA Out and IN Equipment no-11868472-001 and 12088033	22-Aug-21	Tested	Working
Gas Chromatograph In/ Equipment no- 11883509	3-Aug-21	Calibrated with 1000ppm & 500 ppm mix gas	Working
Gas Chromatograph Out/ Equipment no- 12088039	3-Aug-21	Calibrated with 1000ppm & 500 ppm mix gas	Working
Gas THA & Chromatograph B/U / Equipment no-12088032 / 12228816	3-Aug-21	Calibrated	Backup THA Working (Standby), Backup GC Not Working

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.
Done function test on SDL shutdown system. On 09Sep2021	-	Observed no alram was set on PDC for shutdown system	Conductivity IN is working OK 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
Sulabh Kathri	ML	2-Sep-21	16-Sep-21
Yenny Nino	ML	6-Sep-21	20-Sep-21