

**WELL: BDC-2-04**

Report No:	11
Corresponding DDR	11

COMPANY:	INPEX	Rig:	Maersk Deliverer	Field:	ICHTHYS	Last Survey	Depth	2014.88 m
DATE:	19-Sep-21	TIME:	2400 hrs	Last Casing Size:	26"	TOL (7.0"):	Liner Shoe:	Inc (deg) 21.92 *
Midnight Depth:	2047.0 m	TVD:	2031.4 m	TVD LAT:	1998.9 m	Shoe Depth:	689.0 m	LOT/FT: sq EMW Az: 231.89 *
RIG OPERATIONS:	Drilling 17.5" hole							
REPORT BY:	Shiva Hosmut / Robert Findlay			REPORT RECEIVED BY: Greg Watkins / Jeremy Ellis				

## DRILLING REPORT

<b>Bit No:</b>	3	<b>Type / SLT:</b>	Hybrid KTX533 / 5289224	<b>Make:</b>	Kymera	<b>Size :</b>	17.5"	<b>Jets:</b>	3 x 14's, 6 x 15's	<b>TFA (in<sup>2</sup>):</b>	1.487
<b>Total Bit Distance:</b>	1352.0 m	<b>Total onbtm Hrs(Tot / cmt):</b>	45.97 0.99	<b>Avg Bit ROP (m/hr):</b>	29.4	<b>Total Krevs(on btm)/ Total / Cmt:</b>	<b>418.45</b>	<b>6.45</b>		<b>Total Circ Hrs :</b>	72.84
<b>24 hr Bit Distance:</b>	466.0 m	<b>Daily Bit Hours:</b>	16.94	<b>24hrs ROP (m/hr):</b>	27.5	<b>Daily Krevs(on btm):</b>	141.39			<b>Daily Circ Hrs :</b>	22.79
<b>Total Sliding hrs for run</b>	11.00 hrs	<b>Total drilling hrs for run</b>	34.97 hrs	<b>Jars hrs ON btm (24hrs/Total)</b>		8.05	<b>34.97</b>				
<b>Total bit rot hrs for run</b>	45.97 hrs	<b>Total bit rot hrs due to motor n</b>	11.00 hrs	<b>Total bit rot hrs due to string</b>		34.97 hrs					
<b>SPP (Min / Max):</b>	1308 / 2313	<b>PSI</b>	<b>GPM (Min / Max):</b>	965 / 1181	<b>GPM</b>	<b>TQ (kft-lb) (Min / Max):</b>	0 / 11.2	<b>S RPM (Min/max)/AVG:</b>	0 / 60 / 18	<b>WOB (klb) (Min / Max) :</b>	1.1 / 29.5
<b>SPP Avg:</b>	1809	<b>PSI</b>	<b>GPM Avg:</b>	1089	<b>GPM</b>	<b>TQ (kft-lb)Avg:</b>	3.6	<b>Bit RPM (Min/max)/AVG:</b>	114 / 176 / 138	<b>WOB (klb) Avg :</b>	12.0
<b>SPM1 (Min/Max)/Avg)</b>	0 / 95 / 57	<b>stk</b>	<b>SPM2 (Min/Max)/Avg)</b>	0 / 93 / 66	<b>SPM3 (Min/Max)/Avg)</b>	0 / 65 / 55	<b>stk</b>	<b>SPM4 (Min/Max)/Avg)</b>	0 / 95 / 60	<b>stk</b>	
<b>SPM1 Flow (Max)/Avg)</b>	556 / 334	<b>GPM</b>	<b>SPM2 Flow (Max)/Avg)</b>	544 / 386	<b>SPM3 Flow (Max)/Avg)</b>	380 / 322	<b>GPM</b>	<b>SPM4 Flow (Max)/Avg)</b>	556 / 351	<b>GPM</b>	
<b>Rotating hrs on bottom (24hrs/Total) :</b>	16.94 / 45.97	<b>Motor Krev on btm (24hrs/Total)</b>	121.4 / 326.62	<b>String Krev on btm (24hrs/Total)</b>	19.99 / 91.83	<b>Ditch Magnet 24hr Wt:</b>	600 gms	<b>Section Ditch Magnet total Wt</b>	2700	<b>gms</b>	

## HYDRAULICS REPORT

Mud Density In:	1.090	sg	Mud Density Out:	1.090	sg	ECD:	1.090	sg	PV/YP:	11 / 23	cp // lbs/100ft2
Gels:	11 / 15 / 16	lbs/100ft2	Chlorides:	15000	mg/L	Temp In:	32.7	°C	Temp Out:	36.4	°C
Hole Volume:	-	bbbl	Annular Volume:	-	bbbl	Tubing Volume:	-	bbbl	Calculated Lag:	-	stk

## OPERATIONS SUMMARY

Drilled ahead in 17-1/2" hole from 1581m to 2047m while losing SW Gel Polymer mud over the shakers to eliminate sand from the mud system at report time. Further drilling is in progress.

**GEOLOGY :**

Depth (m)	Lithology	ROP range (Min / Max / Avg)
1581 - 1956	100% Sandstone	1.8 / 177.8 / 52.7
1956 - 2047	100% Claystone	6.2 / 70.3 / 25.8

## BACKGROUND GAS OUT SUMMARY

[illegible]

## BACKGROUND GAS IN SUMMARY

[illegible]

## GAS OUT PEAKS

[illegible]

## GAS IN PEAKS

[illegible]

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
Yenny Nino	ML	6-Sep-21	20-Sep-21
James Cranfield	ML	16-Sep-21	TBC