INCIDENT NO: 1469473 JIV report S/N:

Nº 0000046

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties) A. GENERAL INFORMATION: 1. Spill incident Number: 1469473 2. Type of incident* OIL SPILL 3. Name of Location DIEBY CREEK WELL 18 WELL HEAD 4. Name of nearest community PEREMABIRI 5. State: BAYELSA 6. LGA SOUTHERN JAW 7. Type of Production facility/Installation 4-6-12 116-40 B. INCIDENT INFORMATION: 9. Details of incident 22ND Augus 7, 2015 b. Start date/time of investigation: 4TH SEPTEMBER, 2015/12:34. c. Investigation End date: 41" StritmBtRAdual investigation duration, days: ON to DAY. d. Description of spill point environment ☐Firm soil: Loose soil Recently excavated area Under water **DSwampy** Exposed nine surface Well Platform (on Water Deill Rig Additional othsenvations; around the spill point JURING THE JUINIT THAT INTI UNI WIST, OIL STAMS WERE OBSERVED ON THE BODY OF THE WIFLL HEAD. LIGHT IMPACT WAS ALSO MOTICES. e. Description of leak point (tick as applicable); Hack saw cut Drilled hale Tear (Complete Rupture ☐ Inward dent, ☐ Well head tampering Failed Weld-on illegal hot tap valve ☐ Failed Clamp. ☐ Missing Pipeline/Flowline Crude oil theft (illegal bunkering) point, ☐ Saver-pit over flow ☐ Third party tampering with Clamp ☐ Third party tampering with valve setting ☐ Bulging Outward ☐ Third party tampering with flange, ☐Flare System/Bund wall failure Cold vent ☐ Surge vessel overflow, ☐ Valve Failure Relief valve failure Accidental 3rd party equipment impact Dothers(specify) CAMERON CONTROL UNIT WAS REMOVED BY UNKANDUM PERSON. SENSOR LIME WAS ALSO CHI OFF f. Incident caused by:

☐Operational

☐ Third party interference (Sabotage ☐; crude theft ☐; Line theft ☐; Accidental 3rd party damage ☐)

Others (including Mystery spills)

^{*}This can be: a) Oil Spill b) Drilling fluid/Chemical c) Siltation d) construction e) Encroachment f) Fire,

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g. Spill point coordinates			
h. Measuring unit WGS (84)			
Northing:	Easting:		
4.656178	6.076206	, <u></u>	
C. RISK ASSESSMENT			
10. Type of environment:			
Land Water i. Type of environment to which oil has spread:	Seasonal swamp	Shoreline/	Waterfront
□Land □Swamp □Water	River (identify)_		
ii. Weather condition			
□Rain □Sunny □Dry □Wet	□Windy □Hot	□cool	
Government reserved and designated protected area Drinking water source Built up area Farmlands Fish Farm/Pond Fishing net Others (specify).	lm.		
12. Containment measures put in place;		,	
Booms	☐Natural depression	□Pit	None
Others:			
13. Any pictures or video coverage?	[N] [N]		
14. Further response/repair initiated as at the time of JIV?	. [Y] (H)		
If yes to item 14, give brief description: REPAIR WORK PLANN	E)		
15. Was there any disruption to the investigation?	[Y] 5)		

INCIDEN	IT NO: <u>14</u> 6	9473	JIV re	port S/N: N	1º 00 00046
If yes to item 15 give brief de	scription:				
Mor	-	1 CAY	3LE		
D. TYPE/NUMBERS OF 16. Structures / Propertie		ANY, FOUNI	WITHIN THE	AREA OF SPRE	EAD OF OIL
S/N Type of Structures	Description	Size	Number	Comn	ients
10NE h	MIM	AR-C.	A OF	TAP	407
17. Crops/Economic Tre			1		······································
S/N Type of crops You	ing	Medium	Matured	Quantity	Comments
NONE 1	YI HAAN	MRE	10-) reil	7 -E-7
18. Fishing Nets/Fish Po		,			
S/N Nets/Ponds	Description		Quantity/Size	Comments	1 N/10 - 5
MONE	Ji)HM	AR	EA O	- 117	JA-CI
19. Others (Specify) i.e.	 	1			
S/N Others	Description	1 1	Quantity/Size	Comments	7405
MONE,	KIIIMIN	1 11h	CA C		70
E. GRAPHIC DESCRIPTI the leak report, overview sket W SF DIEBU CREE	ch of the site shoul	d be added as a	ın appendix 1)	leak point shoul	d be contained in
MBIRI POSITION OF 1				. ∧	
	7,738 774 47 27.1.	(<u>),(3,4,-v.</u>		·	
· • • • • • • • • • • • • • • • • • • •	of missing				
CAMPRON	CONTROL	หมา			
				4	OSTION OF SENSOR LING THAT (NT OFF LEAK POINT)
\	1			Ivatoa	
		Rage 3 of		I WALL OFF	

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F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION

20. Impacted area boundary Coordinates (If more, Print and attach as an appendix)

	was ((84)
S/N	Northing (LAT)	Easting (Long)
Ŀ	4.656219	6.076213
ż	4.656201	6.076234
3.	4.656201 4.656201 4.656169 4.656196	Easting (LONG) 6.076213 6.076234 6.076227 6.076215
4.	4.656196	6.076215
		>
•		
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	/ / /	
	 -	
	, <u>, ,</u>	
		(A)

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·	
G. INCIDENT INFORMATION:	
a. Impacted Area Details	
Total calculated area of impact D · OO H=	
Impact within R.O.W	
Impact outside R.O.W	
b. Volume of oil recovered before completion of JIV (V _{recJ}):	
Recovered oil V _{rec.J} :	Barrels
M/L Barrels	
c. Net Estimated Spilled VolumeV _{Est} (bbls)* =	
	
0.16 BARREL	
O.16 BARREL Estimated Reported Volume** V _{rep} (bbls)= O.2 BARREL.	
Notes: Volume estimation was done using an excel based tool.(see attached for details on the calculation) Reported spilled volume is an estimate	
Write other relevant notes taken into consideration for estimating the spilled in the box below:	
·	

Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software on site; Conversion of m³ to barrels is Yolume (m3) x 6.29; **Round up estimated volume to next whole number using the following rules:

- Any spill volume in excess of -1 bbl is rounded up to the next whole number.
- Any spill volume in less than 1 bbl is rounded up to the next 0.1 bbl.

Examples: Calculated volume = 15.3 bbl ------ Reported volume = 16 bbl Calculated volume = 0.35 bbl ------ Reported volume = 0.4 bbl

Calculated volume = 0.01 bbl ------ Reported volume = 0.1 bbl

Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use appropriate steps for volume estimation; record the calculation in a plain sheet of paper and attach to the JIV report.

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đ.	General	Statue	of the	cita

- i. Joint investigation of the incident site found that there is no residual impact after the initial response and JIT therefore recommend that the site be closed out
 ii. Investigation of the incident site showed that there is residual impact on site requiring further works
 - e. Representatives

This report was filled, agreed and signed by the following joint investigation team representatives:

- Host Community: 2
- Department of Petroleum Resources [DPR]:
- National Oil Spill Detection and Response Agency [NOSDRA]:
- State Ministry of Environment [SME]: 2
- Asset Owner:

 ✓
- Signatories agree with reported findings:
- Separate DPR form has been filled out with same findings

Tick as applicable

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f. Appendix 1: Overview sketch of the site

LOCATION: DIEBY CREEK WELL IS WELLHEAD AT PEREMABIRI WELL 18 SLOT SPILL POINT -EXTENT OF IMPACT