INCIDENT NO: 1434675 JIV report S/N:

Nº 0000034

(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: 1434675 2. Type of incident* DIL SPILL

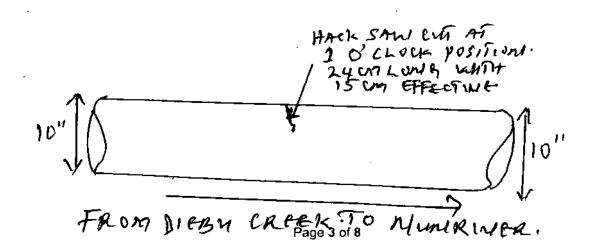
3. Name of Location 10" DIEBU CREEK - MUNRIVER PIPELINE 4. Name of nearest community OPOROMA 5. State: BAYELSA 6. LGA COUTHERN IJANI 7. Type of Production facility/Installation OLL PIPELINE 8. Asset owner/District SPDC / PIPELINE **B. INCIDENT INFORMATION:** 9. Details of incident
a. Date of incident: 30 14 Junit 2015
b. Start date/time of investigation: 1474 July 2015 / 14: 00 pm c. Investigation End date: 1414 July 2015 Actual investigation duration, days: ONE (1) DAY. d. Description of spill point environment Loose soil Recently excavated area Firm soil **Swampy** DExposed pipe surface ☐Under water □DrillRig □Well Platform (on Water Additional observations around the spill point: JOINT INVESTIGATION TEAM NOTICED CHANNEL THAT APPARENTLY AND THE SPREAD OF OIL INTO THE BUSH e. Description of leak point (tick as applicable); Hack saw cut ☐ Tear (Drilled hole ☐ Well head tampering ☐ Inward dent. Complete Rupture ☐ Missing Pipeline/Flowline ☐ Failed Clamp, Failed Weld-on illegal hot tap valve ☐ Saver-pit over flow ☐ Third party tampering with Clamp Crude oil theft (illegal bunkering) point, ☐ Third party tampering with flange, ☐ Bulging Outward Third party tampering with valve setting Cold vent ☐ Surge vessel overflow, ☐Flare System/Bund wall failure Accidental 3rd party equipment impact Relief valve failure ☐ Valve Failure ☐Others(specify) f. Incident caused by: Third party interference (Sabotage 2; crude theft□; Line theft□; Accidental 3rd party damage□) ☐ Operational Others (including Mystery spills)

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

INCIDE	ENT NO: <u>14</u>	34675	JIV rep	oort S/N:	Nº	0000034
a Saill maint according	ntoc .					
g. Spill point coordina	wes (√) (95 84 °				
h. Measuring unit Northing:			Easting:	Ciano		_1
	(<u>LA</u>	itude)		CLONG	1140	
	4-799	29	16	· 1049)6	
. RISK ASSESSMEN	П			•		
10. Type of environm	ment:					-
☐ Land	□Swamp	□Water	Seasonal :	swamp 🗖S	horeline/\	Waterfront
i. Type of	Fenvironment to which	ch oil has spread:				
	LSEASOM	m)	П			
Land	Swamp	□Water	L.J.River	(identify)		-
ii. Weather	r condition	•				
□Rain	□Sunny □	Dry □Wet	□Windy	□Hot 【	□cool	
11. Distance from th	e nearest sensitive h	abitat				
Drinking wa	* MONE		ſ	,m] ,m] ,m] ,m] ,m] ,m]		
12. Containment me	asures put in place;		•			
☐Booms	□Tre	ench Dyke	Natural de	pression [□Pit	□None
Others:						
13. Any pictures or	video coverage?		W I	[N]		
14. Further respons	se/repair initiated as a	at the time of JIV?	. 124	[N]		
_	_		-	s = - «Λ = 4	.	.la
fyes to item 14, give brief REPATR WOR	<u> </u>	V16-15-4	TCHUIL	TO CA	190 Tr	44 <u>.</u>
KEVAIR WOR	iga whas	DONE B	y CLAM	1/1/NB.		<u> </u>
15. Was there any d				נאיז		

If yes to item 15 give brief description: 1 CABLE. D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL 16. Structures / Properties S/N Type of Structures Description Size Number Comments 17. Crops/Economic Trees S/N Type of crops Medium Matured **Quantity** Comments RAPINA YLAN MADAGIED 18. Fishing Nets/Fish Ponds S/N Nets/Ponds Description Quantity/Size Comments 19. Others (Specify) i.e. Animal Traps S/N Others Description Quantity/Size **Comments** E. GRAPHIC DESCRIPTION OF LEAK POINT (while detail report of the leak point should be contained in SECTION OF 10 DIEBY CREEK - MUNICIVER PIPELING AT OPORDIENT

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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)

S/N	Monthin	W.C	
3/IN	Northing	(LATITUDE)	Easting (LDNGTUPE)
	4	- 79961	6.1079
	7	1,7996	1.10807
	 	70000	(10706
	 	7774	6.10/98
_	4	<u>- '7991Z</u>	6.10804
	<u> </u>	<u>7</u> 9906	6-10808
	4.	79902	6.10805
	4.	79923	6.10786
	1 4.	79919	6.10796
	1	7000	0,10178
	 7	17701	6-10002
	4,	79906	6. 10805
	4,	_'7991	6-10802
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\boldsymbol{c}	INC	ENCNT	INFORM	ATION

a.	Impacted Area	Details
•••	LIIIpucicu i ii cu	D C CHILLS

- Total calculated area of impact
- Impact within R.O.W.
- Impact outside R.O.W

b. Volume of oil recovered before completion of JIV (Vrec.1):

Recovered oil Vreed:

Barrels

Controlled recovery/evacuation from source with no impact to environment:

Barrels

Net Estimated Spilled VolumeV_{Est}(bbls)* =

14.63 BARRELS

Estimated Reported Volume** Vrep(bbls)=

*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 m' to barrels is Cohame (m3) x 6.29: **Round up estimated volume to next whole number using the following rules:

- Any spill volume in excess of -l bbl is rounded up to the next-whole number.
- Any spill volume in less than I 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 apply able please refer to paragraph 6c (Deviations) of the AV procedure to use appropriate steps for volume estimation, record the calculation in a plain sheet of paper and anach to the JH report.

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d.	General	Status	of the	site

i,	Joint investigation of the incident site found that there is no residual impact after the initial response and therefore recommend that the site be closed out	TILI
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	2

e. Representatives

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

- Host Community:
- Department of Petroleum Resources [DPR]: □
- National Oil Spill Detection and Response Agency [NOSDRA]:
- State Ministry of Environment |SME|:
- 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: 10" DIEBU CREEK - NUNRIVER PIPELINE AT OPORDAMA. 10" DIEBUCREEK -MUNIMIVER PIPELINE EXTENT OF IMPACT POOL OF FREE PHASE OIL - Spill points Extent of IMPACT