INCIDENT NO: 1999540

1111 (Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties) A. GENERAL INFORMATION: 2. Type of incident\* OIL SPILL 1. Spill incident Number: SEIBOU BULKLINE -4 3. Name of Location 6 4. Name of nearest community AZAGBENE 5. State: BATELSA 6. LGA EKEREM OR 7. Type of Production facility/Installation BULKLINE 8. Asset owner/District THE SHELL PETROLEUM DEVELOPMENT COMPANY OF B. INCIDENT INFORMATION: MI GERIA LIMITED / SWAMP WEST Details of incident 10 TH JANUARY, 2018 9. Details of incident b. Start date/time of investigation: 16TH JANUARY, 2018 AT 1530 HRS c. Investigation End date: 6 TH JANUARY, 2018 Actual investigation duration, days: ONE DAY d. Description of spill point environment □Firm soil Loose soil Recently excavated area Under water Swamov ' Exposed pipe surface ☐Well Platform (on Water) □Drill Rig Additional observations around the spill point: UPON LIFTING THE BUKLINE, THE JOINT INVESTIGRATION TEAM OBSERVED A HACK-SAW CUT FROM 3-9 0°CLOCK POSITION AND AN INWARD DENT AT 6 O'CLOCK POSITION. THE LEAK WAS OBSERVED TO HAVE STOPPED AS AT THE TIME OF THIS INVESTIGATION. e. Description of leak point (tick as applicable); Drilled hole Hack saw cut ☐ 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 3<sup>rd</sup> party equipment impact ☐ Corresion Others(specify)\_ f. Incident caused by: ☐ Third party interference (Sabotage , crude theft ; Line theft ; Accidental 3rd party damage ) Operational ☐ Mystery spills Others(specify)\_

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

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[Y].

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15. Was there any disruption to the investigation?

If yes to item 15 give brief description:

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Type of Structures	Description'	Size	Numbe	er	Comments
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		<u> </u>	-		_
Crops/Economic Tree			<u>:                                    </u>		
Type of crops	Young	Medium	Matured	Quan	
ARD WOOD	EW _	FEW		FEV	( BIL STAME)
			<del>                                     </del>	<del>}</del>	
			<del> </del>		
				•	•
Pishing Nets/Fish Por					
Nets/Ponds	Descrip	otion .	Quantity/Size		Comments
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Others (Specify) i.e. /	uimal Tama		•		
Others	· Descrip	ıtlan :	Quantity/Size		Comments
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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 at ach as an appendit)

		W142 0.4
S/N	Northing	Easting
	4.86940	5.87243
	4.86934	5-87253
	4.86932	5.87259
	4.86925	5-87257
	4.86910	5-872-66:
	4.86890	5.87283
	4.86909	5.87.269
	4.86917	5.87265
	4-86927	5-87263
	4.869024	5-872958
	4869178	5.872751
	-	7
		•

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G. INCIDENT INFORMATION:	
a. Impacted Area Details	
Total calculated area of impact 0.07-ha	· -
Impact within R.O.W	
Impact outside R.O.W       TES	<i>.</i> →
b. Volume of oil recovered before completion of JIV (Vred):	
Recovered oil V <sub>reed</sub> ;	Barrels
Controlled recovery/evacuation from source with no impact to environment:	•
NIL	
c. Net Estimated Spilled VolumeV <sub>Est</sub> (bbls)* =	
T CO NAIO	
5.69 BBLS	• .*
Estimated Reported Volume** Vren(bbls)= CBLS	
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:	
MOT APPLICABLE	
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimated conversion of m <sup>3</sup> to barrels is Volume:(m3) x 6.29: **Round up estimated volume to next whole number using the following Any spill volume in excess of I bbi is rounded up to the next whole number:	tion software on site: ng rules:
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 applicable please refer to paragraph 6c (Deviations) of the JIV procedure to us volume estimation: record the calculation in a plain sheet of paper and attach to the JIV report.	e appropriate steps for .

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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 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:
- Department of Petroleum Resuurces [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

