JIV report S/N:

Nº 0000178

INCIDENT NO: 1673879

(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: 2. Type of incident* \(\bar{\chi} \) FLOWLINE 3. Name of Location 4. Name of nearest community EGBEDA 5. State: RIVERS 6. LGA EMOHUA 7. Type of Production facility/Installation D1L FLOW LINE DEVELOPMENT COMPANY 9. Details of incident a. Date of incident: 12 2016/11:48 HOURS b. Start date/time of investigation: JUN 2016 Actual investigation duration, days: ONE (1) DAY c. Investigation End date: 19TH d. Description of spill point environment Loose soil ☐Firm soil Recently excavated area □ Swampy Exposed pipe surface ☐Under water ☐Well Platform (on Water DrillRig Additional observations around the spill point: SPIL1 FLOW LINE (ADJACENT TWO LOCATIONS: ONE FROM A e. Description of leak point (tick as applicable); Hack saw cut ☐Drilled hole Tear (Complete Rupture ☐ Inward dent. ☐ Well head tampering Missing Pipeline/Flowline Failed Weld-on illegal hot tap valve ☐ Failed Clamp, ☐ Third party tampering with Clamp ☐ Crude oil theft (illegal bunkering) point, ☐ Saver-pit over flow Third party tampering with valve setting ☐ Bulging Outward ☐ Third party tampering with flange, Cold vent ☐Flare System/Bund wall failure ☐ Surge vessel overflow, Relief valve failure Accidental 3rd party equipment impact ☐ Valve Failure Others(specify)_ f. Incident caused by: Third party interference (Sabotage \(\mathbb{Z} \); crude theft \(\mathbb{L} \); Line theft \(\mathbb{Z} \); Accidental 3rd party damage \(\mathbb{D} \))

Others (including Mystery spills)

☐ Operational

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

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79 JIV report S/N:N 9 0000178 INCIDENT NO: If yes to item 15 give brief description: D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL 16. Structures / Properties Type of Structures Description Size Number Comments 17. Crops/Economic Trees S/N Type of crops Young Medium Quantity Matured Comments 18. Fishing Nets/Fish Ponds Description S/N | Nets/Ponds 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 the leak report, overview sketch of the site should be added as an appendix 1) | SECTIONS OF AHIA FROM AHIA A) EXPOSED PORTION. FLOWLINE EGBEDA SHOWING SPILL POINT ! HACK SAW CUT (SPILL 1) AND MISSING SECTION TO'MM LUICUT HACK SAW CUT LONG WITH 20MM LONG ROUND FLOWLINE (SPILL POINT 2) LEVEL. HTIW) EFFECTIVE CUT) POSITION MISSING SECTION OF FLOWLINE POINT CROSS-SECTION CROSS-SECTION OF CUT-THROUGH PORTION. OF CUT-THROUGH BURIED FLOW LINE. FLOW LINE Page 3 of 8 FROM AHIA WELL TO AHIA FLOW STATION.

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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)

WGS_	<u>84 · </u>
	Easting CONCINOE
	C.75017
S·19549	6.75161
5.19554	6.75163
5.1955	6.75204
5.19593	6.75017
5.1959	6.75017
5.19554	6.75167
5 19549	6.75165
1	: ''
·	
	• • • • • • • • • • • • • • • • • • • •
	Northing (ATITUDE 5.19591 5.1954 5.1959 5.1954 5.19555 5.19555 5.19555 5.1955 5.1955 5.1955 5.1955 5.1955 5.1955 5.1955 5.1955 5

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INCIDENT INFORMATION:	•	•	
. Impacted Area Details		, J SA-	0.0015HA?
Total calculated area of impact	0.004	1011A) B-	0.0025HA)
Impact within R.O.W	455	· •	_
Impact outside R.O.W	<u>0</u> /No		
Volume of oil recovered before comple	etion of JIV (V _{rec.i)}	:	
	vered oil V _{recJ} :	NII.	Barrels
Controlled recovery/evacuation from source		environment:	
LNIL_	Barrels		
	*		
. Net Estimated Spilled VolumeV _{Est} (bbl	s)* = 0.05		
	0.05		
mated Reported Volume** Vreg(bbls)=	0.1 BARR	F1	
	U-1 BAKK	EL	
es:	renter en		
 Volume estimation was done using an excel based to Reported spilled volume is an estimate 			
Write other relevant notes taken into consideration for esti	mating the spilled in the b	ox below:	
N1:- 120			
Not App	LICABL	-	
1 40 1 1 111	TI CITOL	بيا بيا	
•		•	
·			
<u>. </u>		· · ·	<u> </u>

Conversion of m¹ to barrels is Volume (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 -- I-bbl -- is rounded up to the next 0.1 bbl.

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

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

Wherever this estimation tool is not applicable please refer to paragraph by (Deviations) of the 31V procedure to use appropriate steps for volume estimation; record the calculation in a plain sheet of paper and attach to the AV report.

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

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

