00000075

INCIDENT NO: 1489857

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties) A. GENERAL INFORMATION: 14892n7 1. Spill incident Number: OKORDIA - RUMUEKPE 4. Name of nearest community | KARAMA 5. State: BAYELSA 6. LGA YENAGOA 7. Type of Production facility/Installation PETROLEUM DEVELOPMENT COMPANY LIMITED / PIPE LINE 9. Details of incident a. Date of incident: 12 TH August, 2015 b. Start date/time of investigation: 20TH SEPTEMBER, 2015/11: 10 Hours c. Investigation End date: 20TH SEPTEMBER Actual investigation duration, days: ONE (1) DAY 2015 d. Description of spill point environment ☐Firm soil ZLoose soil Recently excavated area Under water □Swampy LExposed pipe surface ☐Well Platform (on Water ☐ DrillRig Additional observations around the spill point: pag By ANKHOMH DITCH WAS OBSERVED AROUND " POINT. PIPELINE POLYETHYLENE COATING SURROUNDING THE OBSERVED TO HAVE BEEN REMOVED BY UNKNOWN PERSONS) e. Description of leak point (tick as applicable); Hack saw cut ☐Drilled hole 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 ☐ Bulging Outward Third party tampering with valve setting ☐ Third party tampering with flange, ☐Flare System/Bund wall failure ☐Cold vent ☐ Surge vessel overflow, ☐ Valve Failure Accidental 3rd party equipment impact Relief valve failure Others(specify) f. Incident caused by: ☐Third party interference (Sabotage☐; 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,

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g. Spill point coordinates WGS 84 h. Measuring unit Easting: Northing: CA PAUDE 05-15026 C. RISK ASSESSMENT 10. Type of environment: ☐Shoreline/Waterfront **□**Swamp □Water Seasonal swamp Type of environment to which oil has spread: **☑**Land ■Water ☐River (identify) □ Swamp ii. Weather condition **V**Rain ■Windy Hot □ cool Dry □Wet Sunny 11. Distance from the nearest sensitive habitat ☐ Government reserved and designated protected area ,m] ☐ Drinking water source Built up area □ Farmlands □ Fish Farm/Pond ☐ Fishing net Others (specify). 12. Containment measures put in place; Natural depression □ Pit None Trench Dyke ☐ Booms Others: ·[Y]/[N] 13. Any pictures or video coverage? [X] [N] 14. Further response/repair initiated as at the time of JIV? If yes to item 14, give brief description: WAS STOPPED AND REPAIRS EFFECTED ON OF COILL SECTIONS OF PIPELINE BY CLAMPING. [Y] 15. Was there any disruption to the investigation?

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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 S/N Type of Structures Number Comments Description Size 17. Crops/Economic Trees S/N Type of crops Young Medium Matured Quantity 18. Fishing Nets/Fish Ponds S/N Nets/Ponds Quantity/Size Description Comments 19. Others (Specify) i.e. Animal Traps Quantity/Size Comments Others Description 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) 14" OKORDIA - RUMUEKPE SECTION OF AT IKARAMA SHOWING POSITION OF PIPELINE HACK SAW CUT. ILLEGAL 155 MM LON G DE-COATING OF HACK SAW CUT POLYETHYLENE BY 1 (WITH ILSMM LONG EFFECTIVE CUT) FROM UNKNOWN PERSONCO. 9 TO U D' CLOCK POSITION Page 3 of 8

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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)

	W95	84 ·
S/N	Northing LATTUDE	MAN CENTROL
	05-1503	006.45563
	05-15033	006-46568
	05-15022	006 - 4557
	05-1503 05-15033 05-15022 05-15026	006-45568 006-4557 006-45574
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G. INCIDENT INFORMATION:	
a. Impacted Area Details	
Total calculated area of impact O-0069Hq	_
• Impact within R.O.W	
Impact outside R.O.W	
Recovered oil V _{recJ} :	Barrels
Controlled recovery/evacuation from source with no impact to environment: Barrels Barrels	
c. Net Estimated Spilled VolumeV _{Est} (bbls)* = 1.94	
Estimated Reported Volume** V _{rep} (bbls)= 2 BARRELS	•
*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 tåken into consideration for estimating the spilled in the box below:	
NOT APPLICABLE	

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 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 1 bbl is rounded up to the next 0.1 bbl.

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

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

Wherever this estimation roof is not applicable please refer to paragraph 6: (Deviations) of the IIV procedure to use appropriate steps for volume estimation; record the eak alation in a plain sheet of paper and attach to the AV report.

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o. Ocheral Status of the sil	d.	eral Status of t	the	site
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Asset Owner: 4

Signatories agree with reported findings:

Separate DPR form has been filled out with same findings \square

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	B
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]:	

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f. Appendix 1: Overview sketch of the site

