INCIDENT NO: 294816	JIV report S/N:000865
(Note: As practicable as possible the JIT report is to be sig	ned in the field by all the participating parties)
A. GENERAL INFORMATION:	
1. Fountain Incident Number: 2948[6]	2. Type of incident* OIL SPILL
3. Name of Location 164 EGBAMA - ASS	
	State: MO 6. LGA DHATI - EGBEMA
0 -	LINE
	DEVELOPMENT COMPANY OF NIGERIA
9. Details of incident a. Date Reported: 18th NA 202 b. Start date/time of Investigation: 25 NA 202 c. Investigation End date: 25 NA 202 d. Description of spill point environment Firm soil	Day(s) on site: ONE DAY Day(s) on site: ONE DAY Recently excavated area Exposed pipe surface Sand bag(s)
Sur principles and the surface of th	CCOMPANIED BY FIRE. Rough-edge hole Hack saw cut Inward dent, Well head tampering Failed Clamp, Missing Pipeline/Flowline
☐ Third party tampering with valve setting ☐ Flare System/Bund wall failure ☐ Valve Failure ☐ Tear () ☐ Others (specify) f. Incident caused by: ☐ Third party interference (Sabotage □; crude the	□ Saver-pit over flow □ Third party tampering with Clamp □ Bulging Outward □ Third party tampering with flange, □ Cold vent □ Surge vessel overflow, □ Relief valve failure □ Accidental 3 rd party equipment impact eft □; Line theft □; Accidental 3 rd party damage □)
Manage 19 19 19 19 19 19 19 19 19 19 19 19 19	stery spills)

*This can be: (a) Oil Spill (b) Drilling fluid/Chemical (c) Siltation (d) Water Leak (e) Fire (f) Non-leaking theft point removal Version 2020/01

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Blue (Host Community)

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	INCID	ENT NO:	948161	JIV report	S/N:
	II Point Coordir asuring unit Northing:		00m apart to be agg 6584	regated into one Joint Easting:	Investigation Report)
		5.404	4028	6.786/3	9
			/		
C. RISK	ASSESSMEN	IT	,		1
10. E	Details of Envi	ronment			
i.	Type of en	vironment where s	pill occurred (sele	ct one):	
	Land	□Swamp	□Water	☐Seasonal swamp	☐Shoreline/Waterfront
ii.	Type of en	vironment to whic	h oil has spread:		
	Land	□Swamp	□Waterbody (sp	pecify)	
iii.	Weather co	ondition			
		□Wet	Windy	□Hot	
11. D	Distance to Ser	nsitive habitat with	nin 100m radius		
	□ Drinking w □Surfa □ Built up A	vater source lice water □Bo licea lential Area □Co Pond	gnated protected are: rehole mmercial/Industrial Ar	[,m] [,m]	
	□ Others (spe			[,m]	
12. C		asures put in place:	/ /		
	□Booms □	11 12 12 12 12 12 12 12 12 12 12 12 12 1	Pit Natura	I depression None	
	Others:	NOT APP	LICABLE	/	
13. A	ny pictures or v	ideo coverage?		[Y] [N]	
14. F	Further response	e/repair initiated as	at the time of JIV?	[V] [N]	
If yes to iten	n 14, give brief d	escription:	. 0 1 ~	10 1 10 10	de all 00 == 1
	KE	ARB	/ CLAMPH	NG AND CKL	DE OIL RECOVERY

INCIDENT NO: <u>2948161</u> JIV report S/N: 0000865
15. Was there any disruption to the investigation? [Y] [V]
f yes to item 15 give brief description:
NOT APPLICABLE
16. Was JIV delayed? [Y] [N]
Reason(s):
☐ Delayed Community Access Approval ☐ Security Challenges ☐ Access constraint due to terrain ☐ Others (specify)
D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL 17. Structures / Properties
S/N Type of Structures Description Size Number Comments
HONE SEEN WITHIN IMPACTED AREA
18. Crops/Economic Trees S/N Type of crops Young
S/N Type of crops Young Medium Matured Quantity Comments
19. Fish/Nets/Ponds
S/N Fish/Nots/Ponds Day 14
Description Quantity/Size Comments
20. Others (Specify) e.g. Animal Traps
S/N Others Description Quantity/Size Comments
NONE SEEN WITHIN IMPACTO AREA
E. GRAPHIC DESCRIPTION OF LEAK POINT (while detailed description of the leak point should be contained
in the leak report, overview sketch of the site should be added as appendix 1) A SECTION OF 16" EGBEMA- ASSA PIPELINE AT OBILE SHOWING 4" BALL VALVE INSTALLED AT 120" CLOCK POSITION BY UNKNOWN PERSONS).
4"BALL VALVE/SPILL POINT
16" \$16" \ FGBEMA - VASSA PIPELINE AT OBILE
AT ORIJE
EGBENIA TO ASSA

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

21. Impacted area boundary Coordinates (If more, Print and attach as Appendix)

S/N	Northing	Easting
	5.40375	G.78C12000
2	5.40363889	6.78613889
3	5.40365667	6.78608333
4	5.40380556	6.78636111
5	5.40436111	6.7887778
6		6.78680556
7	5.4045	6.78675
8	5.4045 5558	6.78669444
9	5.40452778	6.78663889
10	5 40452778	6.78663889
	5. 40419444	6.78636111
11	5.40425	G. 78627778
12	5.40438889	6.78613889
13	5.40430556	6.78597222
14	5. 40419444	6,78597222
15	5.40411111	6.78597222
16	5.40383333	6.78613889
		40000

INCIDENT NO: 2948161	_ JIV report S/N: 0	000865
INCIDENT INFORMATION:		
n. Impacted Area Details *		
Total calculated area of impact (Ha)	11.11 .	
Impact within SPDC R.O.W	F.S.	
Impact outside SPDC R.O.W	(ES	
ound off to 2 decimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if express in Hectares (Ha)	area is < 100 m² (e.g. 14.55, 0.00.	51, 0.0009)
O. Volume of oil recovered before completion of JIV (V		
Recovered oil V _{recI} :	020 2001	Barrels
Controlled recovery/evacuation from source with no impa	ct to environment:	
NIL Barrels	100.000	
c. Net Estimated Spilled Volume $V_{Est}(bbls)^* = 43.6$		
c. Net Estimated Spilled Volume $V_{Est}(bbls)^* = 43.6$ stimated Reported Volume** $V_{rep}(bbls) = 448$ stimated Reported Volume** $V_{rep}(bbls) = 448$ volume estimation was done using an excel based tool. (see attached for a Reported spilled volume is an estimate	etails on the calculation)	
Stimated Reported Volume** $V_{rep}(bbls)$ = H + Solume** **Volume estimation was done using an excel based tool (see attached for	etails on the calculation)	
Stimated Reported Volume** $V_{rep}(bbls)$ * = 43.6 Stimated Reported Volume** $V_{rep}(bbls)$ = 46.6 Stimated Reported Volume estimation was done using an excel based tool. (see attached for a Reported spilled volume is an estimate Write other relevant notes taken into consideration for volume estimation or a second volume is a set of the property of the pro	etails on the calculation)	E.
stimated Reported Volume** $V_{rep}(bbls)$ * = 43.6 stimated Reported Volume** $V_{rep}(bbls)$ = 46.6 otes: • Volume estimation was done using an excel based tool. (see attached for a Reported spilled volume is an estimate Write other relevant notes taken into consideration for volume estimation or a set of the	etails on the calculation) ause of spill:	E.
C. Net Estimated Spilled Volume $V_{Est}(bbls)^* = 43.6$ Estimated Reported Volume** $V_{rep}(bbls) = 44.6$ Otes: • Volume estimation was done using an excel based tool. (see attached for a Reported spilled volume is an estimate Write other relevant notes taken into consideration for volume estimation or a set of the set of	etails on the calculation) ause of spill:	E.

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

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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.

Any spill volume in less than I bbl is rounded up to the next 0.1 bbl.

Examples:

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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 respon therefore recommend that the site be closed out	se and JIT
ii. Investigation of the incident site showed that there is residual impact on site requiring further work	s 🔽
e. Representatives	
This report was filled, agreed and signed by the following joint investigation team representatives	: 14.
Host Community: ✓	
• Department of Petroleum Resources [DPR]: ☑	Allegan
National Oil Spill Detection and Response Agency [NOSDRA]: ✓	
State Ministry of Environment [SME]: ✓	
• The Shell Petroleum Development Company [SPDC]:	
● Separate DPR form has been filled out with same findings ☑	
■ Separate NOSDRA form has been filled out with same findings ✓	
• Separate SME form has been filled out with same findings	
Tick as	applicable

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f. Appendix 1: Overview sketch of the site

