INCIDENT NO: 1434948 JIV report S/N:

Nº 0000030

(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: 1434948 2. Type of incident* OIL SPILL 3. Name of Location 8" AFAM WELL 27 FLOWLINE 4. Name of nearest community EGBERU 5. State: RIVERS 6. LGA 081GBD 7. Type of Production facility/Installation FLOWLINE 8. Asset owner/District THE SHELL PETROLEUM DEVELOPMENT COMPANY OF MIGERIA **B. INCIDENT INFORMATION:** 9. Details of incident a. Date of incident: 2ND JULY 2015 b. Start date/time of investigation: 4TH JULY 2015 c. Investigation End date: 4TH JULY 2015 Actual investigation duration, days: ONE (1) DAY d. Description of spill point environment 1 Recently excavated area Firm soil **□**Swampy DExposed pipe surface Under water Well Platform (on Water ☐ DrillRig Additional observations around the spill point: APPLICABLE e. Description of leak point (tick as applicable); ☐ Tear (` Hack saw cut Drilled hole Inward dent, Well head tampering Complete Rupture ☐ Failed Clamp, ☐ Missing Pipeline/Flowline Failed Weld-on illegal hot tap valve ☐ Third party tampering with Clamp ☐ Saver-pit over flow ☐ 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 Relief valve failure Accidental 3rd party equipment impact ☐ Valve Failure Others(specify) f. Incident caused by: Third party interference (Sabotage Z; crude theft□; Line theft□; Accidental 3rd party damage□)

Others (including Mystery spills)

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

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g. Spill point coording	iates			
h. Measuring unit		W4S		
Northing: (CATITUDE)	-	Easting: (Longui)	_
4	. 82632		7.2909	4
	• .			
C. RISK ASSESSMEI	NT			
10. Type of environ	ment:			
Land	□ Swamp	□Water	Seasonal swamp	☐Shoreline/Waterfront
i. Type o	of environment to w	hich oil has spread	:	
Land	□ Swamp	□Water	☐River (identify)
ii. Weath	er condition			
□Rain	□Sunny	□Dry √ □₩	et □Windy □Hot	√2cool
11. Distance from the	he nearest sensitive	habitat		-
□ Drinking w□ Built up are□ Farmlands□ Fish Farm/l	nt reserved and designater source NDN Cater Sou	E OBSER HE AREA AS AT	VED [,m] (JV) (VED) [,m]	ν.
12. Containment me	easures put in place	;	:	
Booms	□т	rench Dyke	Natural depression	Pit None
Others:	•			
13. Any pictures or	video coverage?		(N)	
14. Further respon	se/repair initiated a	s at the time of JIV	7?. [Y] (INT	
If yes to item 14, give brief	description:		-	
NOT	API	111	ABL	E
15 Was there are	discustion to the inv	activation'	[7] (]	

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					•	- 41
If yes to	item 15 give brief de	scription:				
	VOT	AP	PLI	CA	BL	E
	PE/NUMBERS OF E Structures / Propertie		ANY, FOUND	WITHIN THE	AREA OF SP	READ OF OIL
S/N T	ype of Structures	Description	Size	Number	Con	nments
MC	WE W	THN	HE	ARE	A OF	MPACT
17.	Crops/Economic Tre	t s	.,		L.	
S/N T	ype of crops You	ng	Medium	Matured	Quantity	Comments
MC	DNE WIT	HIN T	HE A	REA	OF !	MPACT
10	Picking May (Picking)	•			•	
	Fishing Nets/Fish Po lets/Ponds	Description		Quantity/Size	Comments	
3/14	······································	Description		Qualitity/Size	Comments	
NC	NE WI	THIN TI	HE AR	EA O	F /MP	ACT
19.	Others (Specify) i.e.	Animal Traps	<u>_</u>			
S/N C	Others	Description		Quantity/Size	Comments	
N	NE WI	741N T	HEA	REAC	FM	PACT
F GPA	PHIC DESCRIPTION	N OF LEAK D	DINT (while de	atail report of th	laak point she	uld be contained in
the leak	report, overview sketo	h of the site should	d be added as a	n appendix 1) 🔰	BECTION	OF R" AFAM
WELL	. 27 FLOW	ILINE AT	EGRER	WOHE D	NG DRIL	LED HOLE A
	LOCK POS					1000
·				•		
			DR	ILLED HO	101	
•						12 O'LLOCK
			P	DSITION	- , ,,,	· EUL-VUK
	(1					- 7
	\ 8"					
	<u>)</u>)
AFAM	WELL 27	TO	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)

	WUS	64
S/N	Northing (LATITUDE)	Easting (LONGLITUDE)
34	4·8263 <u>2</u>	7.29094 SALL DOINT
32	4.82629	7.29092
33	4.82633	7. 29091
34	4 · 826 33	7,29096
35	4.82629	7. 29095
•	•	
		.2
	• /	
/		
	<u> </u>	

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_				
•		NEXT	INFORM	ATIMY.
15 -	1.33.4	175	1.35376.31	

a.	Impacted	Area	Details

- Total calculated area of impact 0.002 He Impact within R.O.W Impact outside R.O.W
- b. Volume of oil recovered before completion of JIV (V_{recl}):

Recovered oil Vreet:

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

Barrels

Net Estimated Spilled VolumeV_{Est}(bbls)* = 5.0BARRELS 5.0 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:

Culculation 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 I bbl is rounded up to the next 0.1 bbl.

Examples: Calculated volume > 15.3 bbt ------ Reported volume = 16 bbf 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 by (Decamons) of the HU procedure to use appropriate steps for volume estimation; record the eat addition in a plain sheet of paper and attack to the JH report.

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d.	General	Status	of the	site
11 a	OUNCIAL	SIAIUS	U1 LIIC	3116

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 Resources |DPR|
- National Oil Spill Detection and Response Agency [NOSDRA] \[
 \]
- State Ministry of Environment [SME]
- Signatories agree with reported finding Market
- 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

