INCIDENT NO: 1448402 JIV report S/N:

Nº 0000032

(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: 1448402 2. Type of incident* OIL SPILL 3. Name of Location ADIBAWA WELL 16T WELLHEAD 4. Name of nearest community EDAGBERI 5. State: RIVERS 6. LGA AHOADA WEST 7. Type of Production facility/Installation WELL HEAD 8. Asset owner/District THE SHELL PETROLEUM PEVELOPMENT COMPANY OF NIGERIA DO /LAND IL **B. INCIDENT INFORMATION:** 9. Details of incident a. Date of incident: 23RD JULY 2015 b. Start date/time of investigation: 29TH JULY 2015/9:30 HRS c. Investigation End date: 29TH JULY 2015 Actual investigation duration, days: ONE (1) DAY d. Description of spill point environment ☐Firm soil Loose soil Recently excavated area Swampy ☐Under water Exposed pipe surface Well Platform (on Water △ ★ DrillRig TMOL Additional observations around the spill point: THE INVESTIGATION TEAM OBSERVED REFORE JIV TEAM ARRIVED. THAT THE LEAK HAS STOPPED 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 ☐ Saver-pit over flow ☐ Third party tampering with Clamp ☐Crude oil theft (illegal bunkering) point, ☐ Bulging Outward ☐ Third party tampering with flange, Third party tampering with valve setting ☐Flare System/Bund wall failure Cold vent ☐ Surge vessel overflow, Accidental 3rd party equipment impact ☐ Relief valve failure ☐ Valve Failure WOTHERS (Specify) THIRD PARTY TAMPERING WITH COM-UNIT f. Incident caused by: Third party interference (Sabotage D.crude theft D; Line theft D; Accidental 3rd party damage D)

☐ Operational

Others (including Mystery spills)_____

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

INCIDENT NO: 1448402 JIV report S/N: Nº 0000032 g. Spill point coordinates WGS 84 h. Measuring unit Easting: (EASTING) (LONGINUE) Northing: (LATTITUDE) 6.20264 5.48288C. RISK ASSESSMENT 10. Type of environment: ■Water Seasonal swamp ☐Shoreline/Waterfront Land ☐ Swamp Type of environment to which oil has spread: **Land** □Water River (identify) Weather condition ii. □Windy □Hot **√** ∠cool □Rain □Dry Sunny 11. Distance from the nearest sensitive habitat ☐ Government reserved and designated protected area ,m] □ Drinking water source NONE OBSERVED ,m] Duilt up area WITHIN THE AREA (m, □ Farmlands ,m] □ Fish Farm/Pond MPACT AS AT THE O Fishing net TIME OF JOINT MYESTIGHTION, m] □ Others (specify). VISIT. 12. Containment measures put in place; Dyke Natural depression □Pit ■None Booms Trench Dothers: BORROW PITS 13. Any pictures or video coverage? [Y]14. Further response/repair initiated as at the time of JIV? If yes to item 14, give brief description: 15. Was there any disruption to the investigation? [Y] [Y]

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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)

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ADIBAWA WELL 16T WELLHEAD SPILL @ EDAGBERI

ADIBAWA WELL 161			UIII	
	NO: 2015_		INC.DATE: 23/07/2015	INV.DATE:29/07/2015
OBJECT	EASTING		REMARKS	
SP	6.48288	5.20264	SPILL POINT	
	6.48319	5.20278	IMPACT BOUNDARY	
3	6.48319	5.20279	IMPACT BOUNDARY	
4	6.48321	5.20280	IMPACT BOUNDARY	
5	6.48322	5.20279	IMPACT BOUNDARY	
6	6.48323	5.20279	IMPACT BOUNDARY	
7	6.48323	5.20277	IMPACT BOUNDARY	
8	6.48322	5.20276	IMPACT BOUNDARY	
9	6.48320	5.20276	IMPACT BOUNDARY	
10	6.48319	5.20277	IMPACT BOUNDARY	
11	6.48341	5.20297	IMPACT BOUNDARY	
12	6.48342	5.20288	IMPACT BOUNDARY	
13	6.48343	5.20279	IMPACT BOUNDARY	
14	6.48343	5.20273	IMPACT BOUNDARY	
15	6.48340	5.20267	IMPACT BOUNDARY	
16	6.48343	5.20254	IMPACT BOUNDARY	
17	6.48340	5.20253	IMPACT BOUNDARY	
19	6.48330	5.20270	IMPACT BOUNDARY	
20	6.48333	5.20273	IMPACT BOUNDARY	
21	6.48337	5.20274	IMPACT BOUNDARY	
22	6.48334	5.20277	IMPACT BOUNDARY	
23	6.48329	5.20277	IMPACT BOUNDARY	
24	6.48326	5.20280	IMPACT BOUNDARY	
25	6.48314	5.20287	IMPACT BOUNDARY	
26	6.48315	5.20281	IMPACT BOUNDARY	
27	6.48314	5.20277	IMPACT BOUNDARY	
28	6.48309	5.20273	IMPACT BOUNDARY	
29	6.48301	5.20263	IMPACT BOUNDARY	
30	6.48287	5.20260	IMPACT BOUNDARY	
31	6.48280	5.20262	IMPACT BOUNDARY	
32	6.48284	5.20272	IMPACT BOUNDARY	
33	6.48278	5.20274	IMPACT BOUNDARY	
34	6.48275	5.20280	IMPACT BOUNDARY	
35	6.48263	5.20290	IMPACT BOUNDARY	
36	6.48265	5.20300	IMPACT BOUNDARY	
37	6.48282	5.20285	IMPACT BOUNDARY	
38	6.48290	5.20290	IMPACT BOUNDARY	
39	6.48289	5.20296	IMPACT BOUNDARY	
40	6.48282	5.20304	IMPACT BOUNDARY	
41	6.48281	5.20316	IMPACT BOUNDARY	
42	6.48288	5.20325	IMPACT BOUNDARY	
				I

OBJECT	Easting	Northing	REMARKS
43	6.48293	5.20326	IMPACT BOUNDARY
44	6.48299	5.20319	IMPACT BOUNDARY
45	6.48307	5.20312	IMPACT BOUNDARY
46	6.48320	5.20311	IMPACT BOUNDARY
47	6.48335	5.20308	IMPACT BOUNDARY
48	6.48291	5.20288	IMPACT BOUNDARY
49	6.48283	5.20284	IMPACT BOUNDARY
50	6.48281	5.20282	IMPACT BOUNDARY
51	6.48282	5.20277	IMPACT BOUNDARY
52	6.48297	5.20275	IMPACT BOUNDARY
53	6.48301	5.20279	IMPACT BOUNDARY
54	6.48306	5.20278	IMPACT BOUNDARY
55	6.48311	5.20282	IMPACT BOUNDARY
56	6.48310	5.20287	IMPACT BOUNDARY
57	6.48307	5.20295	IMPACT BOUNDARY
58	6.48295	5.20291	IMPACT BOUNDARY
59	6.48316	5.20269	IMPACT BOUNDARY
60	6.48314	5.20264	IMPACT BOUNDARY
61	6.48315	5.20268	IMPACT BOUNDARY
62	6.48316	5.20270	IMPACT BOUNDARY

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_	13/01	DUNCT	INFORM	ATION.
۱.	1:31	117F. 7 f	LAPTIKA	A 1 11 1 X :

a .	Impact	ed Area	Details
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•	Total calculated area of impact	0.3023Ha	
•	Impact within R.O.W	755	

b. Volume of oil recovered before completion of JIV (Vrect):

		-
Recovered oil V _{rec.I} :	NIL	Barrels

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

NIL	Barrels

c. Net Estimated Spilled VolumeV_{Est}(bbls)* =

232.22 BBLs

Estimated Reported Volume** Vrep(bbls)=

233 BARRELS

*Miles:

Volume estimation was done using an excel based tool, tsee attached for details on the calculation)

Write other relevant notes taken into consideration for estimating the spilled in the box below:

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.

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 be (Deviations) of the AV procedure to use appropriate steps for volume estimation, record the eal iduation in a plant sheet of paper and attach to the AV report.

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А	General	Status	of the	cita
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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] №
- Asset Owner
- Signatories agree with reported finding
- Separate DPR form has been filled out with same finding

Tick as applicable

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f. Appendix 1: Overview sketch of the site

