INCIDENT NO: 2896 227 JIV report S/N:0000834

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties)

A. GENERAL INFORMATION:						
1. Fountain Incident Number: 2896227 2. Type of incident* OILSPILL						
3. Name of Location 3" IND RIVER WELL 63T						
4. Name of nearest community OWAZA 5. State: ABIA 6. LGA UKINA WEST						
7. Production Facility/Installation FLOWLINE						
8. Asset Owner/Hub THE SHELL PETROLEUM DEVELOPMENT COMPANY B. INCIDENT INFORMATION: B. INCIDENT INFORMATION: B. INCIDENT INFORMATION:						
B. INCIDENT INFORMATION: B. INCIDENT INFORMATION: B. INCIDENT INFORMATION: BAST HUB						
9. Details of incident a. Date Reported: 24 ^{1H} MARCH 202 b. Start date/time of Investigation: 10 ^{1H} APRIL 202 1130 HRS c. Investigation End date: 12 ^{1H} APRIL 202 Day(s) on site: TWO DAYS d. Description of spill point environment						
Firm soil						
□Under water □Swampy □Exposed pipe surface □Well Platform (on water) □Drill Rig □Sand bag(s)						
Additional observations around the spill point: NOT APPLICABLE						
e. Description of leak point (tick as applicable); Smooth round-edge hole Complete Rupture Failed Weld-on illegal hot tap valve Failed Clamp, Saver-pit over flow Third party tampering with Clamp Third party tampering with valve setting Flare System/Bund wall failure Valve Failure Relief valve failure Tear Relief valve failure Cothers (specify) FIN HOLE (ROUGH-EDGE) Flare Sabotage ; crude theft ; Line theft ; Accidental 3rd party damage Third party damage Third party tampering with relationship of the sailure impact Tothers (specify) Others (including Mystery spills)						

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

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Blue (Host Community)

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	Northing:			Easting:		a a	
	4.97911			7.18038			
				110000			
		/					
	ASSESSMEN						
10.	Details of Envir	onment	*				
i.	Type of env	ironment where	spill occurred (sele	ct one):			
	Land	□ Swamp	□Water	Seasor	nal swamp	Shoreline/Waterfront	
ii.	Type of env	ironment to whi	ch oil has spread:				
	Land	Swamp	□Waterbody (sp	pecify)			
iii.	Weather cor		(0)				
	☑ _{Dry}	□Wet	□Windy	Hot			
11. I		itive habitat with	•	₩Hot			
	☐ Government ☐ Drinking wa ☐ Surface ☐ Built up Are ☐ Resider ☐ Farmlands ☐ Fish Farm/Pe ☐ Fishing net ☐ Others (spec	ter source e water Bo a ntial Area Co	gnated protected area rehole mmercial/Industrial Ar	î I	,m] ,m] ,m] ,m] ,m] ,m]	Mone Seen Within Vicinit	
12. C	Containment meas	ures put in place:			,		
			☐ Pit ☐ Natural	depression	□None		
	Others:	NOT API	PLICABLE				
13. A	any pictures or vic	leo coverage?		[*]	[N]		
14.	Further response/r	epair initiated as	at the time of JIV?	[Y]	[W]		
s to ite	m 14, give brief des	cription:					
	110	117					

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15. Was there any disruption to the investigation? [Y] [V]
If yes to item 15 give brief description: 16. Was JIV delayed? [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
NONE SEEN WITHIN AREA OF IMPACT
18. Crops/Economic Trees S/N Type of crops Young Medium Matured Quantity Comments
NONE SEEN WITHIN AREA OF IMPACT
19. Fish/Nets/Ponds
S/N Fish/Nets/Ponds Description Quantity/Size Comments AREA OF MPACT
20. Others (Specify) e.g. Animal Traps S/N Others Description Quantity/Size Comments
S/N Others Description Quantity/Size Comments AREA OF MACT
C. 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 3" IMO RIVER FLOW LINE (WELL 63T) AT OWAZA SHOWING A PINHOLE AT TO CLOCK POSITION
SPILL POINT AT 70°CLOCK
3" 15 POSITION POSITION POSITION POSITION
WELLHEAD TO MORIVER FLOWSTATION
IN WALL I HOUSE

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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	
5/14	Northing	Easting
1.	4.97915	7.18044
2	4.97913	7.18047
3.	4.97912	7.18045
4.	4.97912	7.1804
5	4.97914	7.1804

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G. INCIDENT INFORMATION:
a. Impacted Area Details *
Total calculated area of impact (Ha) 0.002HA
Impact within SPDC R.O.W
Impact outside SPDC R.O.W
* Round off to 2 decimal places if area is \geq 100 m ² or to 4 decimal places if area is \leq 100 m ² (e.g. 14.55, 0.0051, 0.0009) * Express in Hectares (Ha)
b. Volume of oil recovered before completion of JIV (VrecJ):
Recovered oil VrecJ: NOT RECOVERABLE Barrels
Controlled recovery/evacuation from source with no impact to environment: Note Barrels
c. Net Estimated Spilled Volume V _{Est} (bbls)* = 0.07BARRELS
Estimated Reported Volume** Vrep(bbls)= 0./BARREL
*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 volume estimation or cause of spill:
write other relevant notes taken into consideration for volume estimation or cause of spill;
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 m³ 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 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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d.	General	Status	of	the	site
					3110

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:

Department of Petroleum Resources [DPR]:

✓

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

