INCIDENT NO: 2938807 JIV report S/N:0000844

(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: 29388	0 7 2. Type of inc	cident OIL SPILL
3 Name of Location 4" OBELE		
4. Name of nearest community OBELE	5. State: RIVER.	SOLGA EMOHUE
7. Production Facility Installation FLOV	NLINE	
8. Asset Owner Hub THE SHELL PETRO LTD (SPDC)/C	CLEUM DEVELO	PMENT COMPANY OF NIGER
B. INCIDENT INFORMATION:	AND EAST HU	8
9. Details of incident a. Date Reported: 574 MAY 20	21	
b. Start date time of Investigation: 77H MA	TO THE POLICE OF	HRS
c. Investigation End date: 77H MAY 2		
d. Description of spill point environment		
□Firm soil □Loos	e soil	Recently excavated area
☐Under water ☐Swan	пру	☐Exposed pipe surface
□Well Platform (on water) □Drill	Rig	☐Sand bag(s)
Additional observations around the spill poin	t	
e. Description of leak point (tick as applicable);		
Smooth round-edge hole	Rough-edge hole	☐ Hack saw cut
Complete Rupture	Inward dent,	☐ Well head tampering
lailed Weld-on illegal hot tap valve	Failed Clamp,	Missing Pipeline/Flowline
☐ Crude oil theft (illegal bunkering) point,☐ Third party tampering with valve setting	☐ Saver-pit over flow ☐ Bulging Outward	☐ Third party tampering with Clamp
☐ Flare System/Bund wall failure	Cold vent	☐ Third party tampering with flange,☐ Surge vessel overflow,
☐ Valve Failure	Relief valve failure	Accidental 3rd party equipment impact
Tear ()  Others (specify) PIN HOLE		- party equipment impact
f. Incident caused by:  [ ] Third party interference (Sabotage []; crud	le theft □; Line theft □; Ac	cidental 3 <sup>rd</sup> party damage □)
☑Operational ☐Others (including	Mystery spills)	

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

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Blue (Flost Community)

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n. M	Northing:		WGS	8 4	oint Investigation Report)
5				Easting:	
	5	.0073	9,7	6.814	012
		_/			
RISH	ASSESSMEN	(T			
	Details of Envi				
i.					
**		vironment where	spill occurred (se	lect one):	
	Land	Swamp	□Water	Seasonal swam	p Shoreline/Waterfront
ii.	Type of en	vironment to which	ch oil has spread:		
	Land	□ Swamp	□Waterbody		
iii.	Weather co	ndition		=	
	Dry	□wet	□Windy	□Hot	
11. ]	Distance to Sen	sitive habitat with			
	☐ Drinking w ☐Surfa ☐ Built up Ar	ce water Boolea ential Area Cool		,m, ]	MONE SEEN MITHIN MICINITY
12. C	ontainment mea	sures put in place:			
, sc	□Booms □1	rench Dyke	☐ Pit ☐ Natura	al depression None	2
	Others:				
13. A	ny pictures or vi	deo coverage?		[N]	
14. F	Further response	repair initiated as a	t the time of JIV?	[N] [N]	
to iter	n 14, give brief de: REPLAC	scription:			

INCIDENT NO: 2938807 JIV report S/N: 0000844 [ Y ] 18. Was there any disruption to the investigation? If yes to nem 15 give brief description: to Was JIV delayed? 111 APPLICABLE ☐ 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 Type of Structures Description Size Number Comments Crops Economic Trees SN Type of crops Young Quantity Medium Matured Comments Fish Nets Ponds Fish Nets Ponds Description Quantity/Size | Comments Others (Specify) e.g. Animal Traps Quantity/Size Comments 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)

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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
	5.00733	6.81394
_2_	5.00749	6.81408
3	5.00752	6.81398
4	5.00731	6.81404
S	5.00749	6.81411
_6_	5.00763	6.81401
7_	5.00753	6.81392
8_	5.00746	6.81392
9_	5.00733	6.81394
10	5.0073	6.81405
		L

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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 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  $\Box$

#### 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]: 

   ✓
- 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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No. Volume of oil recovered before completion of JIV (VrecJ):    Recovered oil VrecJ:   NIL   Barrels   Controlled recovery/evacuation from source with no impact to environment:   NIL   Barrels   Stimated Spilled Volume V <sub>Est</sub> (bbls)* =   Stimated Reported Volume** Vrep(bbls)=   O·2 BARRELS				
Impact within SPDC R.O.W  Impact outside SPDC R.O.W  NO  Sound off to 2 decimal places if area is ≥ 100 m² or to 4 decimal places if area is < 100 m² (e.g. 14.55, 0.0051, 0.0009)  Supress in Hectares (Ha)  NIL  Barrels  Controlled recovery/evacuation from source with no impact to environment:  NIL  Barrels  C. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* =  Stimated Reported Volume** V <sub>rep</sub> (bbls)=  O·2 BARRELS  Les  Volume estimation was done using an excel based tool (see attached for details on the calculation)  Reported spilled volume is an estimate	. Impacted Area Deta	nils *		
Impact within SPDC R.O.W  Impact outside SPDC R.O.W  NO  Sound off to 2 decimal places if area is ≥ 100 m² or to 4 decimal places if area is < 100 m² (e.g. 14.55, 0.0051, 0.0009)  Express in Hectares (Ha)  Polume of oil recovered before completion of JIV (VrecJ):  Recovered oil VrecJ:  NIL  Barrels  Controlled recovery/evacuation from source with no impact to environment:  NIL  Barrels  C. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* =  Stimated Reported Volume** Vrep(bbls)=  O·2 BARRELS  Test  Volume estimation was done using an excel based tool (see attached for details on the calculation)  Reported spilled volume is an estimate.				
Impact outside SPDC R.O.W  Found off to 2 decimal places if area is ≥ 100 m² or to 4 decimal places if area is < 100 m² (e.g. 14.55, 0.0051, 0.0009) Supress in Hectares (Ha)  D. Volume of oil recovered before completion of JIV (VrecJ):  Recovered oil VrecJ:  Recovered oil VrecJ:  NIL  Barrels  Controlled recovery/evacuation from source with no impact to environment:  NIL  Barrels  C. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* =  Stimated Reported Volume** Vrep(bbls)=  O·2 BARRELS  des:  Volume estimation was done using an excel based tool (see attached for details on the calculation)  Reported spilled volume is an estimate				
Found off to 2 decimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if area is $\leq 100 \text{ m}^2$ (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:  NIL  Barrels  Controlled recovery/evacuation from source with no impact to environment:  NIL  Barrels  c. Net Estimated Spilled Volume $V_{Est}(bbls)^* = 0.2 \text{ BARRELS}$ stimated Reported Volume** $V_{rep}(bbls) = 0.2 \text{ BARRELS}$ tes:  Volume estimation was done using an excel based tool (see attached for details on the calculation)  Reported spilled volume is an estimate				
D. Volume of oil recovered before completion of JIV (V <sub>recJ</sub> ):  Recovered oil V <sub>recJ</sub> :  NIL  Barrels  Controlled recovery/evacuation from source with no impact to environment:  NIL  Barrels  C. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* =  Stimated Reported Volume** V <sub>rep</sub> (bbls)=  O·2 BARRELS  tes:  Volume estimation was done using an excel based tool (see attached for details on the calculation)  Reported spilled volume is an estimate				
Recovered oil V <sub>reef</sub> : NIL  Controlled recovery/evacuation from source with no impact to environment:  NIL  Barrels  c. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* =  stimated Reported Volume** V <sub>reef</sub> (bbls)=  O·2 BARRELS  des:  Volume estimation was done using an excel based tool (see attached for details on the calculation)  Reported spilled volume is an estimate	ound off to 2 decimal places if express in Hectares (Ha)	farea is ≥ 100 m² or to 4 deci	mal places if area is $\leq 100$ m <sup>2</sup> (e.g. 1-	1.55, 0.0051, 0.0009)
Recovered oil V <sub>ree</sub> J: NIL Barrels  Controlled recovery/evacuation from source with no impact to environment:  NIL Barrels  c. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* =  Stimated Reported Volume** V <sub>rep</sub> (bbls)= O·2 BARRELS  tes:  Volume estimation was done using an excel based tool (see attached for details on the calculation)  Reported spilled volume is an estimate	D. Volume of oil recove	ered before completion	of JIV (VrecJ):	
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Volume estimation was done using an excel based tool (see attached for details on the calculation)  Reported spilled volume is an estimate	stimated Reported Volum	e** V <sub>rm</sub> (bbls)=		
Reported spilled volume is an estimate		O.	2 BARRELS	
White other relevant motes taken mio consideration for volume estimation or cause of spile.	réan:			
	Volume estimation was don     Reported spilled volume is	an estimate		
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	<ul> <li>Volume estimation was don</li> <li>Reported spilled volume is</li> </ul>	an estimate		
	Volume estimation was don Reported spilled volume is Write other relevant notes take.  Was a specific and the respective estimated	an estimate n into consideration for volume e	as as practicable using the new spill volume	e estimation software on
version 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.	Volume estimation was don Reported spilled volume is Write other relevant notes take  ulation of the respective estimated version of m' to barrels is Volume (	volume is to be done on site as formally (may) x 6.29; **Round up estimate	ar as practicable using the new spill volume to next whole number using the	e estimation software on following rules:
version of m' to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following rules:	Volume estimation was don Reported spilled volume is Write other relevant notes take ulation of the respective estimated version of m' to barrels is Volume ( Any spill volume in excess of	volume is to be done on site as formally as 6.29; **Round up estimated to be in the formal of the fo	ar as practicable using the new spill volume and volume to next whole number using the next whole number.	e estimation software on following rules:
<ul> <li>version of m' to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole number using the following rules:</li> <li>Any spill volume in excess of 1 bbl is rounded up to the next whole number.</li> <li>Any spill volume in less than 1 bbl is rounded up to the next 0.1 bbl.</li> <li>Examples: Calculated volume = 15.3 bbl Reported volume = 16 bbl</li> </ul>	• Volume estimation was don • Reported spilled volume is  Write other relevant notes take.  Write other respective estimated version of m' to barrels is Volume ( • Any spill volume in less than Examples: Calculated	volume is to be done on site as forms) x 6.29; **Round up estimate for both is rounded up to the livolume = 15.3 bbl Report	ar as practicable using the new spill volume ted volume to next whole number using the next whole number. next 0.1 bbl.	estimation software on solitowing rules:
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estimation, record the calculation in a plain sheet of paper and attach to the JIV report.

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f. Appendix I: Overview sketch of the site

