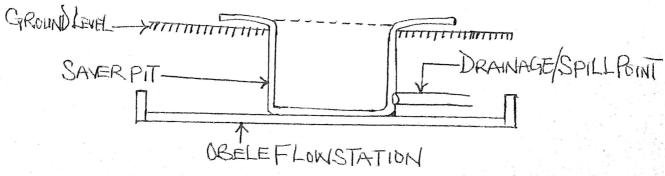
INCIDENT NO: <u>28074</u>	<u>4 </u> JIV re	port S/N:
(Note: As practicable as possible the JIT report is to be		0627
(Note: As practicable as possible the JIT report is to be A. GENERAL INFORMATION:	signed in the field by all	the participating parties)
1. Fountain Incident Number: 2807441		
221 01	1 (0-	dent* OIL SPILL
	MSTATION	
	5. State: RIVERS	6. LGA EMOHUA
7. Production Facility/Installation	LOW STATION	•
8. Asset Owner/Hub ITE STELL PETROLEUM NIGERIA LIMITED (SF B. INCIDENT INFORMATION:	MDEVELOPMEN PDC)/LAND EAS	[ COMPANY OF STHUB
9. Details of incident a. Date Reported: 13HDECEMBER, 2020 b. Start date/time of Investigation: 14HDECEMBER c. Investigation End date: 14HDECEMBER d. Description of spill point environment	020/1139HRS	n site: ONE DAY
Firm soil Loose so	oil	Recently excavated area
☐Under water ☐Swampy	,	Exposed pipe surface
☐Well Platform (on water) ☐ Dri!l Ri	9	□Sand bag(s)
Additional observations around the spill point:		
e. Description of leak point (tick as applicable);  Smooth round-edge hole  Complete Rupture  Failed Weld-on illegal hot tap valve  Crude oil theft (illegal bunkering) point,  Third party tampering with valve setting  Flare System/Bund wall failure  Valve Failure  Tear ()  Others (specify)	Rough-edge hole Inward dent, Failed Clamp, Saver-pit over flow Bulging Outward Cold vent Relief valve failure	☐ Hack saw cut ☐ Well head tampering ☐ Missing Pipeline/Flowline ☐ Third party tampering with Clamp ☐ Third party tampering with flange, ☐ Surge vessel overflow. ☐ Accidental 3 <sup>rd</sup> party equipment impact
f. Incident caused by:  ☐ Third party interference (Sabotage ☐; crude to ☐ Others (including M		idental 3 <sup>rd</sup> party damage □)

<sup>\*</sup>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 Distribution of copies: White (Asset Owner); Pink (DPR); Green (NOSDRA); Yellow (State Ministry of Environment); Blue (Host Community)

0627

	Northing:			Easting:	
•	,	5.007	78	6.8094	<u> </u>
RISK	( ASSESSMEN	IT			
10,	Details of Envi	ronment			
i.	Type of en	vironment where s	spill occurred (se	lect one):	
	Land	☐ Swamp	□Water	☐Seasonal swamp	☐Shoreline/Waterfront
ii.	Type of en	vironment to which	ch oil has spread:		٠,
	Land	Swamp	□Waterbody	(specify)	-
iii.	Weather co	ondition			
	☑Dry	□Wet	□Windy	□Hot	
11.	Distance to Ser	nsitive habitat wit	hin 100m radius		
	☐ Drinking v ☐Surfi ☐ Built ap A	ace water DBo rea dential Area DCo 'Pond t	gnated protected a prehole pmmercial/Industrial	[ m, ] [m, ]	
12.		asures put in place:			
	⊠Booms □	Trench Dyke	Pit Natu	ral depression None	
	Others:			· , · · · · · · · · · · · · · · · · · ·	
13.	Any pictures or	video coverage?		[N] [N]	
				? [V] [N]	

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13. Was there any disruption to the investigation? [Y] W
16. Was JIV delayed? [Y]
Reason(s)  Delayed Community Access Approval  Security Challenges  Access constraint due to terrain  Others (specify)  NOT APPLICABLE
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-SEE A MITH AREA F MPACT  18 Crops/I conomic Trees
S/N Type of crops Young Medium Matured Quantity Comments    Some of the State of th
S/N Fish/Nets/Ponds Description Quantity/Size Comments
NONE SEEN WITHIN AREA OF IMPACT
20. Others (Specify) e.g. Animal Trup.  S/N Others Description Quantity/Size Comments
S/N Others Description Quantity/Size Comments    Other
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 OBELE FLOW STATION SHOWING A SAVER PIT OVER FLOW FROM DRAINAGE
THE



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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
1	500704	
2	5.05757	6,80915
3	5.00701	6.80912
4	5.00696	6.80906
-	5.00703	6.86906
5	5.00705	6.80903
6	5.00717	6.80906
1	5.00726	6.80911
8	5.60762	6.80924
9	5.00782	6.80931
10	5.00 787	6.80933
11	5.06785	6.80943
12	5.60782	6'80944
13	5.00777	6.80934
14	5.00747	6.80921
15	5.00722	6.80915
16	5.00778	6.80944
سسيا		

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G. INCIDENT INFORMATION:
a. Impacted Area Details *
• Total calculated area of impact (Ha) 0.063+64- • Impact within SPDC R.O.W 165
• Impact outside SPDC R.O.W \\ \( \forall \)
* Round off to 2 decimal places if area is $\geq$ 100 m² or to 4 decimal places if area is $\leq$ 100 m² (e.g. 14.55, 0.0051, 0.0009) * Express in Hectares (Ha)
b. Volume of oil recovered before completion of JIV (V <sub>recJ</sub> ):  Recovered oil V <sub>recJ</sub> :  Barrels
Controlled recovery/evacuation from source with no impact to environment:    Barrels   Barrels
c. Net Estimated Spilled Volume V <sub>Est</sub> (bbls)* = 1.12 BARRELS
Estimated Reported Volume** Vrep(bbls)= 2 BARRELS
Notes:  Valuate 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:  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 bt1 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 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
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
Thi	is 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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f. Appendix 1: Overview sketch of the site

