INCIDENT NO: 282886	<u>S61</u> JIV report S/N: 0630	
(Note: As practicable as possible the JIT report is to be s	signed in the field by all the participating parties)	
A. GENERAL INFORMATION:	• ,	
1. Fountain Incident Number: 2828861	2. Type of incident* OIL SPILL	
3. Name of Location 4" MO RIVER WE		
4. Name of nearest community OWAZA 5.	5. State: AB/A 6. LGA <u>UKWA WEST</u>	
	YLINE	
8. Asset Owner Hub INTEX SHELL FERGLEUM LIMITED SPDCY LAND B. INCIDENT INFORMATION:	1 DEVELOPMENT COMPANY OF NIGERIA DEAST HUB	
9. Details of incident a. Date Reported: <u>OSTH JANUARY</u> , <u>202</u> b. Start date time of Investigation: <u>ITTH JANUARY</u> , c. Investigation End date: <u>ITTH JANUARY</u> , d. Description of spill point environment	27 2021/1350HRS	
□Firm soil □Loose soi	Dil Recently excavated area	-
☐ Under water ☐ Swampy	Exposed pipe surface	
☐Well Platform (on water) ☐Drill Rig	⊆ □Sand bag(s)	
Additional observations around the spill point RESENCE CF	CTHER FLOWLINES	
	□ Rough-edge hole □ Hack saw cut □ Inward dent, □ Well head tampering □ Failed Clamp, □ Missing Pipeline/Flowline □ Saver-pit over flow □ Third party tampering with Clamp □ Bulging Outward □ Third party tampering with Claup □ Surge vessel overflow, □ Relief valve failure □ Accidental 3rd party equipment □ theft □; Line theft □; Accidental 3rd party damage □) Mystery spills) □ Mystery spills) □ Mystery spills)	lange,
*This can be: (a) Oil Spill (b) Drilling fluid/Chemical (c) Siliation (d)	d) Water Leak (e) Fire (f) Non-leaking theft point removal Version 2020/01	

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h. Me	Northing:	MGS	87	Easting:			
	4.978919		7.18	7.185893			
	ASSESSMENT						
10. I	Details of Enviro						
i.	Type of envi	ronment where s	pill occurred (sel	ect one):			
	☑ Land	□Swamp	□Water	☐Seasonal :	swamp	☐Shoreline/	Waterfront
ii.	Type of envi	ronment to whic	h oil has spread:				
	□ Land	□Swamp _	□Waterbody ((specify)			
iii.	Weather con	dition					
	☑′Dry	□Wet	□Windy	□Hot			
11. 1	Distance to Sens	itive habitat with	in 100m radius				
- - - -	☐ Drinking wa ☐Surface ☐ Built up Are	nter source e water □Bo ra ntial Area □Co ond	gnated protected a rehole mmercial/Industrial	· [,m], ,m] ,m] ,m] ,m] ,m]	NONE	SEEN 1 VICINIT
12. (Containment mea	sures put in place:			`		
	□Booms □1	rench Dyke	☐ Pit ☐ Natu	ral depression	⊠None		
	Others:						
13.	Any pictures or vi	deo coverage?		[4]	[N]		
			at the time of JIV	? [Y]	[W]		

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13. Was there any disruption to the investigation? [Y] [W]
If yes to item 15 give brief description: NOT APPLICABLE
NOT APPLICABLE
Io. Was JIV delayed? [Y] [S]
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
SN Type of Structures Description Size Number Comments
NONE SEEN MINIMAREA OF MIRACI
18. Crops Economic Trees S.N. Type of crops Young Medium Matured Quantity Comments
SN Type of crops Young Medium Matured Quantity Comments
19. Fish Nets Ponds
SN Fish/Nets/Ponds Description Quantity/Size Comments
20. Others (Specify) e.g. Animal Traps S.N. Others Description Quantity/Size Comments
Sin Others Description 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) A SECTION OF 4 WORNER WELL 22S FLOW LINE AT OWAZASHOWING A HACKSAW CUT FROM
70'CLOCK TO 110'CLOCK POSITION BY UNKNOWN PERSON(S)
HACK SAW CLITSPILL POINT. FROM 7-110°CLOCK POSITION
WELL 22STLOWLINE
1 LOMO KIND
CAOUND LEVEL

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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	4.978924	7.185899
2	4.978908	7.185901
3	4.978899	7.185847
4	4.9788 94	7.185758
5	4.978890	7.18.5683
6	4.978900	7.185647
7	4.978898	7.185577
8	4.978889	7.1855 40
7	4.978873	7.185527
10	4.978826	7.18557-6
4	4.978785	7.185536
12	4.978778	7.185517
13	4.978831	7.185514
14	4.978881	7.185.486
15	4.978920	7.185513
16	4.978934	7.185.581
17	4.978926	7.185645
18	4.978935	7.185677
19	4.778909	7.185686
20	4.978900	7.185759
21	4.978914	7.185848
	1	

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. INCIDENT INFORMATION:
a. Impacted Area Details *
Total calculated area of impact (Ha) O.014-HA
• Impact within SPDC R.O.W \(\square\)
• Impact outside SPDC R.O.W YES
Round 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 (Vrec.):
Recovered oil V _{ree} r: N(Barrels
Controlled recovery/evacuation from source with no impact to environment:
c. Net Estimated Spilled Volume V _{Est} (bbls)* = 0.3 BARREL
Estimated Reported Volume** Vren(bbls)= O. HBARRE
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:
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 m ¹ 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 bb1 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	
i.	Joint investigation of the incident site found that there is no residual impact after the initial response a therefore recommend that the site be closed out	and JIT
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	
e.	Representatives	
Th	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 a	ipplicat

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f. Appendix 1: Overview sketch of the site

