INCIDENT NO: 26162 95 JIV report S/N: 0717

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

A. GENERAL INFORMATION:	
I. Fountain Incident Number: 2616295	2. Type of incident* OIL SPILL
3. Name of Location WELL HEAD 24	LIMA BEAN BOX
4. Name of nearest community BEINMO-DIOBD	5. State: BAYELSA 6. LGA EKEREMOR
7. Production Facility/Installation	OIL PIPELINE
8. Asset Owner/Hub <u>THE SHELL PETR</u> NIGERIA LIMITED / ASSET B. INCIDENT INFORMATION:	OLEUM DEVELOPMENT COMPANY
9. Details of incident a. Date Reported: 30 MARCH, 20	
b. Start date/time of Investigation: 25TH AT	PRIL, 2020 AT 10:35 AM
c. Investigation End date: 25 APRIL, 2	Day(s) on site: ONE (1) DAY
d. Description of spill point environment	
☐Firm soil ☐Loose s	soil Recently excavated area
☐Under water ☐Swamp	-
■ Well Platform (on water) □ Drill Ri	the state of the 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 Valve Failure For BOX TEAR Others (specify)	□ Rough-edge hole □ Hack saw cut □ Inward dent, □ Well head tampering □ Failed Clamp, □ Missing Pipelline/Flowline □ Saver-pit over flow □ Third party tampering with Clamp □ Bulging Outward □ Third party tampering with flange, □ Cold vent □ Surge vessel overflow, □ Relief valve failure □ Accidental 3 rd party equipment impact
f. Incident caused by: ☐Third party interference (Sabotage ☐; crude to ☐Others (including M.)	theft □; Line theft □; Accidental 3 rd party damage □) fystery spills)
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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	II Point Coordinate asuring unit	-	00m apart to be aggi	regalea ini	o one Joini	investigation Reports
n. IVIC	Northing:	LATITUI		Easting:	Lon	OGITUDE
	5.0	11382	7 🖳	65	10	0895
C. RISK	ASSESSMENT					
10. E	Details of Environ	ment				
i.	Type of enviro	nment where s	pill occurred (select	t one):		
	□Land	☐Swamp	□Water	Season	nal swamp	Shoreline/Waterfront
ii.	Type of enviro	nment to which	n oil has spread:			
	□Land	☐Swamp	Materbody (spe	cify)		
iii.	Weather condi	tion				
	□Dry	□Wet	□Windy	Hot		
11. D	istance to Sensiti	ve habitat withi	in 100m radius			
	☐ Government re☐ Drinking water☐ Surface w	source	nated protected area]	,m] ,m]	NONE SEEN
	☐ Built up Area ☐Residentia		nmercial/Industrial Area]	,m]	THE VICINITY
	□ Farmlands			ĺ	,m]	
	☐ Fish Farm/Pond☐ Fishing net			[,m] ,m]	
	☐ Others (specify)		[,m]_	
12. Co	ontainment measure	es put in place:				
10	□Booms □Tren	ch Dyke	☐ Pit ☐ Natural do	epression	None	
i	Others:					
13. An	y pictures or video	coverage?		[X.]-	[N]	
14. Fu	urther response/repa	air initiated as at	the time of JIV?	[Y]	[N]	
If yes to item	14, give brief descrip	otion:				
NO	I AP	PLICA	ABLE			
200 m						

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	there any disruption to the investigation? [Y] [N+ 15 give brief description:
NDI	APPI CABLE JIV delayed? [Y] {N]
Reasor De	
	PE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL ctures / Properties
	of Structures Description Size Number Comments os/Economic Trees
S/N Type	of crops Young Medium Matured Quantity Comments Nets/Ponds
	Nets/Ponds Description Quantity/Size Comments Propose
S/N Othe	Description Quantity/Size Comments Page 19 19 19 19 19 19 19 19 19 19 19 19 19
A SECTION TEAR DUE BEAN BO	OF BENISEDE WELL 24 AT BENISEDE, SHOWING WITH TO INTERNAL ELOSION ON 3" WELL HEAD 24 LIMA
	EAK POINT
	معر

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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. 6909	5.01138
	5 . 69111	5.01137
	5.69162	5.01158
	5.6909	5.01134
	5.69083	5.01143
	5.69096	5.01167
	5.69243	5.01194
	5. 69 183	5.01244
	-	
34		
: (:		
Y	,	

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G. INCIDENT INFORMATION:

a. Impacted	Area	Details	'n
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•	Total calculated area of impact (Ha)	0.91Ha
•	Impact within SPDC R.O.W	YES
•	Impact outside SPDC R.O.W	VES

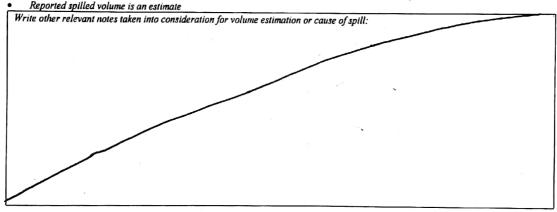
* Express in Hectares (Ha)

b. Volume of oil recovered before compl	etion of JIV (V _{rec.}):		4.
Roc	overed oil V _{recJ} :	MII	Barrels
Controlled recovery/evacuation from sour	ce with no impact to	environment:	
	Barrels		

c. <u>Net Estimated Spilled Volume V_{Est}</u>	<u>(bbls)*</u>	14.08 BARRELS.
Estimated Reported Volume** Vrep(bbls)=	10	BARRELS

*Notes:

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



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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^{*} Round 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)

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a. Acheral Stutus of the Mi	d.	General	Status	of	the	sit
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í,	Joint investigation of the incident site found that there is no residual impact after the initial response 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

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

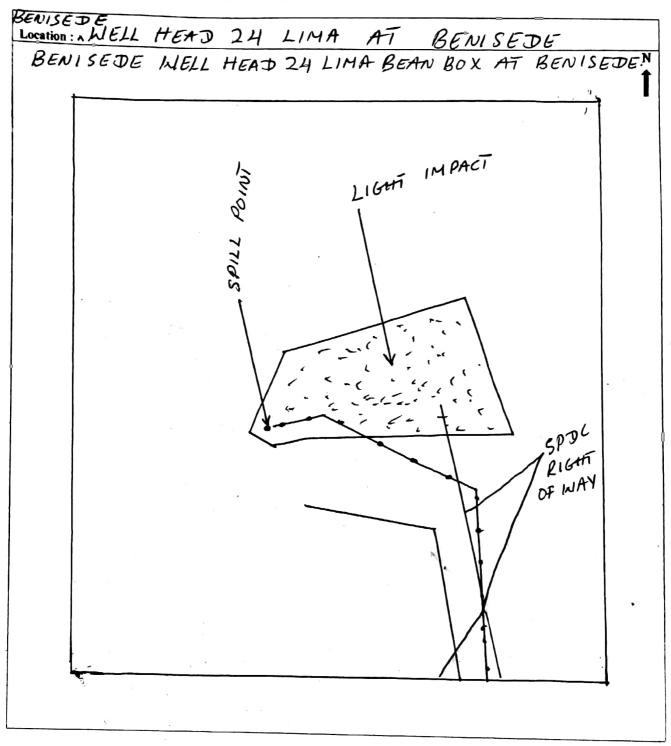
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f. Appendix 1: Overview sketch of the site



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