INCIDENT NO: 2694542 JIV report S/N:

0645

(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: 26945	542 2. Type of ir	ncident* DIL SYILL
3. Name of Location 4 MO RIVE	2 WELL 32	L FLOWLINE
1. Fountain Incident Number: 26946 3. Name of Location 4 MORIVES 4. Name of nearest community ONAZA	5. State: ABIA	6. LGA UKWA WEST
7. Production Facility/Installation CRMD	E OK FLO	LILINE
8. Asset Owner/Hub HE SHELL PE B. INCIDENT INFORMATION: OF MIG	TROLFUM DE	-VELOPMENT COMPAN
B. INCIDENT INFORMATION: OF MIG	ERIA LIMITE'I	LAND EAST HUB
9. Details of incident a. Date Reported: 27 July 2	020	ic ilavar
b. Start date/time of Investigation: 30TH J c. Investigation End date: 30TH Jul	12020 Day(s)	on site: DME LI) DAY
d. Description of spill point environment		
Firm soil Loose		Recently excavated area
☐Under water ☐Swam	ЭУ	☐Exposed pipe surface
☐Well Platform (on water) ☐ Drill R	lig	Sand bag(s)
Additional observations around the spill point: CONCRETE CAST, PIECE USED TO CONCEALED TH	OF RUBBER T	UBE AND BELT ARE
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
Failed 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 3 rd party equipment impact
☐ Tear ()		— recreation of party inquipment impact
Others (specify)		
f. Incident caused by:		•
Third party interference (Sabotage 2; crude t		
Operational Others (including M	ystery 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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Blue (Host Community)

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	Northing:	•	•	Easting:		
	4.98	7962		7.10	70132	
				3 45	-	
				(Any by)	>	
	ASSESSMEN					
	Details of Envir	onment				
•	Type of env	ironment where	spill occurred (sel	ect one):		
	Land	□ Swamp	□Water	Season	nal swamp	Shoreline Waterfrom
i.	Type of env	ironment to which	ch oil has spread:			
	Land	Swamp	□Waterbody (s	specify)		
ii.	Weather con	ndition				
	☑ Dry	□Wet	□Windy	□Hot		
11.	Distance to Sens	sitive habitat with	hin 100m radius			
	☐ Drinking wa ☐ Surface ☐ Built up Are ☐ Reside ☐ Farmlands ☐ Fish Farm/P ☐ Fishing net	ater source te water Bo ea ential Area Co Pond	gnated protected are rehole mmercial/Industrial A	[[rea [[,m] ,m] ,m] ,m] ,m] ,m]	MONE SEE WITHAL VICINITY
12.	Containment mea	sures put in place:				
	□Booms □1	Trench Dyke	☐ Pit ☑ Natura	depression	□None	
	Others:					
13	Any pictures or vi	deo coverage?		W	[N]	
4.	Further response	repair initiated as	at the time of JIV?		W	
	em 14, give brief de					

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15. Was there any disruption to the investigat	tion? [Y] L	NT.
If yes to item 15 give brief description:	1-1 -	, , , , , , , , , , , , , , , , , , ,
16. Was JIV delayed? [Y] [DY	BLE	
Others (specify) MO $MP1$	-1 CABLE	Access constraint due to terrain
D. TYPE/NUMBERS OF PROPERTIES, IF A17. Structures / Properties	NY, FOUND WITHIN TH	E AREA OF SPREAD OF OIL
S/N Type of Structures Description Size	Number	Comments
18. Crops/Economic Trees	AREA O	FIMPACT
S/N Type of crops Young Medi	um Matured C	Quantity Comments
19. Fish/Nets/Ponds	AREA O	- MPACT
S/N Fish/Nets/Ponds Description	Quantity/Size Co	mments
20. Others (Specify) e.g. Animal Traps	AREA OF	= IMPA-CT
S/N Others Description	Quantity/Size Co	mments
NONE HITHM	AREA O	FIMPACT
E. GRAPHIC DESCRIPTION OF LEAK POINT (who	ile detailed description of the	e leak point should be contained
in the leak report, overview sketch of the site should be ac		L FLOWLING AS
CLOCK TO 2 O'CLOCK POSITION		AN CUI FROM 12
PIECES OF BUI	10 1000 9974	person(s).
	PIECES OF A	UBBER TUBE
CONICRETE		HACK SANI CVI
(43)		(LEAK POINT)
4"	Lux J	1 4"
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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	4.987883	
2	4.987996	7.189998
3	4.987988	7.190155
4	4.987954	7.190149
5	4.987939	7.190126
6	4.987945	7.190111
7	4.987908	7.190077
8	4.987882	7.190050
9	4.987878	7.190011
ID	4.987985	7.190107
11	4.987996	7.190082
12	4.987970	7.196040
13	4.987951	7.190011
14	4.987972	7.189998
15	4.987983	7.190105
16	4.987993	74190082
17	4.987968	7.190041
18	4.987949	7.190010
19	4.987954	7.190001
20	4.987953	7.189991
21	4.987965	7.189984
22	4.987963	7.190009
23	4-987958	7.190005

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G.	INC	IDENT	INFORM	MATION:
----	-----	-------	--------	---------

	• Tot	al calo	culated	area of i	impact (H	(a) C	· みか	×29	6 HA		
						\(\frac{\pi}{2}\)		احر	. 1 12	`	
						7				820	
und off to 2 press in He	2 decima	l place						is < 10	0 m² (e.g.	14.55, 0.0	0051, 0.0009)
. Volun	ne of o	l rece	overed	l before	comple	tion of JIV	(V _{recJ})	:		45	
						overed oil V			112		Barrels
					111	Barrels					
c. Net I	T										
	Estima	ted S	<u>pilled</u>	Volume	e V _{Est} (bk	<u>ols)*</u> =					
	<u>Estima</u>	ted S	<u>pilled</u>	Volume	e V _{Est} (bk	0.9	57	BAI	l R E1		
						0.9	57 6 B/	BAI	REL		
stimated I	Reporte me estimat rted spilled	d Vol	ume** s done us ne is an e	Vrep(bb)	ls)= el based too	O · 9	6 B/ for details	On the co	EL		
stimated I	Reporte me estimat rted spilled	d Vol	ume** s done us ne is an e	Vrep(bb)	ls)= el based too	0.9	6 B/ for details	On the co	EL		
stimated I	Reporte me estimat rted spilled	d Vol	ume** s done us ne is an e	Vrep(bb)	ls)= el based too	O · 9	6 B/ for details	On the co	EL		
otes: Volum Repor	Reporte me estimat rted spilled	d Vol	ume** s done us ne is an e	Vrep(bb)	ls)= el based too	O · 9	6 B/ for details	On the co	EL		
otes: Volum Repor	Reporte me estimat rted spilled ver relevan	d Vol	ume** s done us se is an es taken int	Vrep(bb ing an exce stimate	ls)= el based too ation for voi	O · 9	6 B for details n or cause	On the co	EL alculation)		
otes: Volum Repor	Reporte me estimat rted spilled ver relevan	d Vol	ume** s done us se is an es taken int	Vrep(bb ing an exce stimate	ls)= el based too ation for voi	l. (see attached	6 B for details n or cause	On the co	EL alculation)		

Any spill volume in excess of 1 bbl 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.

Calculated volume = 15.3 bbl ------ Reported volume = 16 bbl Calculated volume = 0.35 bbl ------ Reported volume = 0.4 bbl Examples: 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

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

