INCIDENT NO: 2999627 JIV report S/N:000946

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

A. G	ENERAL INFORMATION:	alny			26.//
1. Fo	untain Incident Number 277	9627	2. Type of inci	dent OIL	PILL
3. No				and the same of th	RUNKLINE
4. Na	me of nearest community /////	$ONO_{5,Sm}$	te RIVERS	6. LGA AHES	ALA EAST
	oduction Facility/Installation	11 PM	DE/INE		
	set Owner/Hub THE HE	11 PET		DEVELO	DMENT COM
8. As	set Owner/Hub /777U/C	12/21	75000	3 - 1	
B. IN	ICIDENT INFORMATION:				
b c.	Start date/time of Investigation. Investigation End date: 277# Description of spill point environme	Jun-1, 1	21 LY, 2021 2021 _{Day(s) o}	15:00 HR on site: ONE (S) DAY
	□Firm soil	Loose soil		Recently excavated	arca
	□Under water	☐Swampy		Exposed pipe surfac	e
	■Well Platform (on water)	☐Drill Rig		☐Sand bag(s)	
	Additional observations around the	4 Pf	2//	ABO	E
e.	Description of leak point (tick as app	licable);			
	Smooth round-edge hole	30 <u></u>	ough-edge hole	☐ Hack saw cut ☐ Well head tamp	_rinu
	Complete Rupture	_	nward dent, uiled Clamp,	☐ Missing Pipelin	- 1550
	☐ Failed Weld-on illegal hot tap valve ☐ Crude oil theft (illegal bunkering)		Saver-pit over flow	☐ Third party tam	
	Third party tampering with valve		Bulging Outward	☐ Third party tam	-
	☐ Flare System/Bund wall failure		old vent	☐ Surge vessel ov	erflow,
	☐ Valve Failure		Relief valve failure	Accidental 3rd pa	uty equipment impact
	Tear (
	Others (specify)				
f.	Incident caused by: Third party interference (Sabotage	crude theft [☐; Line theft ☐; Ac	cidental 3rd party damag	ge 🗆)
	Operational Others (including Myster	y spills)		
	an be (a) (hi Spill (b) Drilling fluid/Chemical (Version	1 2020/01
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Blue (Host Community)

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SK ASSESSMENT Details of Environment Type of environment where spill occurred (select one): Type of environment to which oil has spread: Type of environment to which oil has spread: Land Water Seasonal swamp Shoreline/No. Weather condition Wory Wet Windy Hot Distance to Sensitive habitat within 100m radius Government reserved and designated protected area miles miles miles miles miles miles miles miles Built up Area Commercial/Industrial Area miles mi	
Type of environment where spill occurred (select one): Mand	
Type of environment where spill occurred (select one): Mand	1
Type of environment to which oil has spread: Land	
Type of environment to which oil has spread: Land	
Weather condition	Waterfron
Weather condition Dry	
Distance to Sensitive habitat within 100m radius Government reserved and designated protected area Drinking water source Surface water Borehole Built up Area Residential Area Farmlands Fish Farm/Pond Fishing net Windy Hot Hot Hot Windy Hot Hot Windy Hot Hot Windy Hot Hot Amily Hot Windy Hot Morele I,m] Morele I,m] WITHIN	
Distance to Sensitive habitat within 100m radius Government reserved and designated protected area Drinking water source Surface water Borchole Built up Area Residential Area Commercial/Industrial Area Farmlands Fish Farm/Pond Fishing net Distance to Sensitive habitat within 100m radius [,m]	
□ Government reserved and designated protected area □ Drinking water source □ Surface water □ Borehole □ Built up Area □ Residential Area □ Commercial/Industrial Area □ Farmlands □ Fish Farm/Pond □ Fishing net □ Government reserved and designated protected area □ m,m] MoNE m,m]	
□ Residential Area □ Commercial/Industrial Area □ Farmlands	
□ Residential Area □ Commercial/Industrial Area □ Farmlands	SE
□ Residential Area □ Commercial/Industrial Area □ Farmlands	N VIC
□ Fish Farm/Pond [,m] □ Fishing net [,m]	
□ Fishing net [,m]	
Others (specify) ,m]/	
•	
Containment measures put in place:	
□Booms □Trench □ Dyke □ Pit □Natural depression □None	
Others:	
Any pictures or video coverage? [YV [N]	
Further response/repair initiated as at the time of JIV?	

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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
/	4.975018	6.663614
2	4.974988	6.66363
2 3	4.974949	6.663625
4	4.97499	6.663581
5	4.974943	6-663631
1	4.974949	6-663492
7	4.974-978	6.667857
8	4.974833	6-663407
9	4.974829	6-662788
10	4.974699	6.662425
11	4.974525	6-662483
//	1 1 (() - ()	
	7	CONTES
		7

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G. INCIDENT INFORMATION:	
a. Impacted Area Details *	
Total calculated area of impact (Ha) O · 18 HECTARES Impact within SPDC R.O.W. JES	
Impact outside SPDC R.O.W YES	
 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) Express in Hectares (Ha) 	0051, 0.0009)
b. Volume of oil recovered before completion of JIV (V _{red}):	- I
Recovered oil Vree!	Barrels
Controlled recovery/evacuation from source with no impact to environment:	
c. Net Estimated Spilled Volume V _{Est} (bbls)* = 24 - 5 7 BARRED Estimated Reported Volume** V _{res} (bbls)* = 25 BARRELS	<u>ک</u>
*Notes Volume estimation was done using an excel hased 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	
alculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimated volume to next whole number using the follows: **Round up estimated volume to next whole number using the follows: **Any spill volume in excess of 1 bbl is rounded up to the next whole number	ation software on site, ng rules
 Any spill volume in less than 1 bbf is rounded up to the next 0.1 bbf 	
Examples Calculated volume = 15 3 bbl Reported volume = 16 bbl	

Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use appropriate stops for column estimation, record the calculation in a plain sheet of paper and attach to the JIV report

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Calculated volume = 0.35 bbl ----- Reported volume = 0.4 bbl Calculated volume = 0.01 bbl ----- Reported volume = 0.1 bbl.

Examples

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-1 1	General	Ctatur	~ [4	ha -ita
u. ·	General	Status	OI U	ue sue

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	III bni
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	0

e. Representatives

٠.	representatives	
This	report was filled, agreed and signed by the following joint investigation team repres	entatives:
	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

THICK RUSH, " CPDCRIGHT OF WAY IMPA	CTED AREA SPILL POINT
20" KOLO CREEK- RUMUEKJE TRUNKLINE	2 2 Just 2 2 Mick Bust 2 2 2 2 2 2 1 2 2 2

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