INCIDENT NO: 2701311 JIV report S/N:

0575

*This can be (a) Oil Spill (b) Drilling fluid Chemical (c) Silitation (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)

Page 1 of 8

0575 INCIDENT NO: 2701311 JIV report S/N: g. Spill Point Coordinates (*Incidents \le 100m apart to be aggregated into one Joint Investigation Report) $D \cdot D$ WGS 84 h. Measuring unit Northing: Easting: 4.969833 7.185188 C. RISK ASSESSMENT 10. Details of Environment Type of environment where spill occurred (select one): i. □ Water Swamp ☐Seasonal swamp ☐Shoreline/Waterfront ii. Type of environment to which oil has spread: □ Swamp ☐ Waterbody (specify) iii. Weather condition □Wet Windy 11. Distance to Sensitive habitat within 100m radius Government reserved and designated protected area ,m] Drinking water source ,m] ☐Surface water ☐ Borchole ☐ Built up Area m] ☐Residential Area □Commercial/Industrial Area ▼ Farmlands ,m] ☐ Fish Farm/Pond m☐ Fishing net ,m] ☐ Others (specify) ,m]12. Containment measures put in place: □Booms □Trench □ Dyke □ Pit □ Natural depression □ None Others: 13. Any pictures or video coverage? [N] 14. Further response/repair initiated as at the time of JIV? Tyes to item 14, give brief description:

INCIDENT NO: 2701311	JIV report S/N:
15. Was there any disruption to the investigation? If yes to item 15 give brief description:	IVI IVI
NOT APPLICABL	
Reason(s): Delayed Community Access Approval Others (specify)	Challenges
D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOL 17. Structures / Properties	IND WITHIN THE AREA OF SPREAD OF OIL
S/N Type of Structures Description Size	Number Comments
PROPERTY AND THE PROPERTY AND ASSESSED TO SEE SECTION OF THE PROPERTY AND ASSESSED TO SECTION OF THE PROPERTY ASSESSED.	REA OF IMPACT
18. Crops/Economic Trees	
	Matured Quantity Comments PEA OF MACT
19, Pish/Nets/Ponds	
	Janotity/Size Comments
MOME SCENTIMENT AR	EA OF IMPACT
20. Others (Specify) e.g. Animal Traps S/N Others Description C	Jountily/Size Comments
	REA OF IMPACT
E. GRAPHIC DESCRIPTION OF LEAK POINT (while detail in the leak report, averylew sketch of the site should be added as	women by to A COCKET A. (AT 1781 LAKE
RIVER 2 - OGALE PIPELINE AT UMUOLOLO WSTALLED AT 12 O'CLOCK POSITION	BY UNKNOWN PERSON(S)
	3 WELDED NECK FLANGE
Good of	3 WELDED NECK FLANGE, Spill Point
2" 10	2 DUPPE
MORIVER 2 TO	

" "	05	1:)
	\cup		
CINI.			

INCIDENT	NO:_	2701311	JIV	report S/	N:
----------	------	---------	-----	-----------	----

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
		7.185146
	4.969882	
2	4.969826	7-18:5265
3	4.969.793	9.185195
4	4.969792	7.185/62
5	4.969.680	7.185121
6	4.969742	7.185093
7	4. 969825	7.185069
-		
-		-
)		
	-	
-		
-		The second secon
į		

INCIDENT NO: 2701311 JIV report S/N: 0575
G. INCIDENT INFORMATION:
a. Impacted Area Details *
• Total calculated area of impact (IIa) 0.015907-HA
• Impact within SPDC R.O.W YES
* Impact outside SPDC R.O.W * 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) * Express in Hectares (Ha)
b. Volume of oil recovered before completion of JIV (Vreed):
Recovered oil Vreel: 2 Barrels
Controlled recovery/evacuation from source with no impact to environment: S Barrels
N. D.
c. Net Estimated Spilled Volume V _{Est} (bbls)* = 74 · 09 BARRELS Estimated Reported Volume** V _{est} (bbls)= 75BARRELS
Notes: Volume estimation was done using an excel based tool (see attached for details on the calculation) Reported spilled volume is an estimate
 Volume estimation was done using an excel based tool.(see attached for details on the calculation) Reported spilled volume is an estimate
 Volume estimation was done using an excel based tool.(see attached for details on the calculation) Reported spilled volume is an estimate
 Volume estimation was done using an excel based tool (see attached for details on the calculation) Reported spilled volume is an estimate
 Volume estimation was done using an excel based tool.(see attached for details on the calculation) Reported spilled volume is an estimate
 Volume estimation was done using an excel based tool (see attached for details on the calculation) Reported spilled volume is an estimate

Version 2020/01

Distribution of copies: White (Asset Owner); Pink (DPR); Green (NOSDRA); Yellow (State Ministry of Environment);
Blue (Host Community) Page 5 of 8

	INCIDENT NO: 2701311 JIV report S/N:0575
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
i.	Investigation of the incident site showed that there is residual impact on site requiring further works
e.	Representatives
hi	s 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

INCIDENT NO: 270/3() JIV report S/N0 575

f. Appendix 1: Overview sketch of the site

