INCIDENT NO: 2700706 JIV report S/N:

0585

Version 2020/01

(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: 270070 6 2. Type of incident* 5M SPUL 3. Name of Location 14" OKORDIA - RUMUERPE PIPELINE 4. Name of nearest community EDEOHA 5. State: RIVERS 6. LGA ANDA-EAST 7. Production Facility/Installation OL PIPELINE 8. Asset Owner/Hub THE SAELL PETROLEYM DEVELOPMENT COMPANY OF LIMITED (SPDC) / PIPELINE 9. Details of incident a. Date Reported: 151 AUGUST, 2020 b. Start date/time of Investigation: 15 hugus, 2020/1500 hrs Day(s) on site: ONE (1) DAY c. Investigation End date: 151 August, 2010 d. Description of spill point environment ☐Firm soil Loose soil Recently excavated area ☐Under water Swampy Exposed pipe surface ☐ Well Platform (on water) □Drill Rig Sand bag(s) Additional observations around the spill point: APPLICABLE e. Description of leak point (tick as applicable); ☐Smooth round-edge hole ☐ Hack saw cut Rough-edge hole 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, ☐ Saver-pit over flow ☐ Third party tampering with Clamp ☐ Third party tampering with valve setting ☐ Bulging Outward ☐ Third party tampering with flange, ☐ Flare System/Bund wall failure □Cold vent ☐ Surge vessel overflow, ☐ Valve Failure ☐ Relief valve failure Accidental 3rd party equipment impact Tear (Others (specify) f. Incident caused by: Third party interference (Sabotage : crude theft ; Line theft : Accidental 3rd party damage : Operational Others (including Mystery 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)

INCIDENT NO: 2700706 JIV report S/N:

| | Northing: | MGS 84 |) | Easting: (WGS 84) | | |
|-------------|--------------------------------|---------------------|---|-------------------------------------|--|--|
| | 5.02982 | | | 6.61161 | | |
| | | | | | | |
| | | | Artikalinin sestimpia, sir kalingtip tagʻimli setiminin minist sibili tetar | | | |
| RIS | K ASSESSMEN | Г | | | | |
| | Details of Envir | | | | | |
| i. | Type of env | ironment where | spill occurred (se | lect one): | | |
| | Land | □ Swamp | □Water | Seasonal swamp Shoreline/Waterfrom | | |
| i. | Type of env | ironment to which | ch oil has spread: | | | |
| | Land Swamp Waterbody (specify) | | | | | |
| •• | | | | | | |
| ii. | Weather con | <u></u> | | | | |
| | Dry | □Wet | □Windy | Hot | | |
| 11. | Distance to Sens | sitive habitat wit | hin 100m radius | | | |
| | ☐ Government☐ Drinking wa | | ignated protected a | rea [NIL,m] [NIL,m] | | |
| | Surfac | e water Bo | orehole | [N.L.,m] | | |
| | ☐ Built up Are | | ommercial/Industrial | Area | | |
| | ■ Farmlands □ Fish Farm/P | ond | | [2 ,m]IMPACTED | | |
| | ☐ Fishing net | | | [MIL ,m] [NIL ,m] [NIL ,m] | | |
| | ☐ Others (spec | | | [/ \ ,] | | |
| 2. | Containment meas | | | | | |
| | ⊠ Booms □T | rench Dyke | ☐ Pit ☐ Natu | ral depression None | | |
| | Others: | | | | | |
| | Any pictures or vi | deo coverage? | | [N] [N] | | |
| 3. <i>I</i> | | | at the time of IIV | ? [N] | | |
| | Further response/ | repair initiated as | at the time of 51 v | | | |

| 0.505 |
|--|
| INCIDENT NO: 2700706 JIV report S/N. 585 |
| 15. Was there any disruption to the investigation? [Y] |
| If yes to item 15 give brief description: |
| NOT APPLICABLE |
| 16. Was JIV delayed? [Y] |
| Reason(s): NUI APPLILABLE Delayed Community Access Approval |
| D. TYPE/NUMBERS OF PROPERTIES, IF ANY, FOUND WITHIN THE AREA OF SPREAD OF OIL 17. Structures / Properties |
| S/N Type of Structures Description Size Number Comments |
| NONE WITHIN AREA OF IMPACT |
| 18. Crops/Economic Trees |
| S/N Type of crops Young Medium Matured Quantity Comments CASSAVA FEN FEN FEN FEN IMPACTED |
| |
| 19. Fish/Nets/Ponds S/N Fish/Nets/Ponds Description Quantity/Size Comments |
| S/N Fish/Nets/Ponds Description Quantity/Size Comments |
| MUNE MITTIN TREA OF IMPACT |
| 20. Others (Specify) e.g. Animal Traps S/N Others Description Quantity/Size Comments |
| NONE WITHIN AREA OF IMPACE |
| 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 LAM OKOLA |
| RUMUERIO PIPELING AT ESCOMA SHOWING A 2" GATE VALVE AND A 2. |
| BALYAMIZED PIPE MITALLED AT 12 O'LOCK POSITION BY UNKNOWN FERIONS |
| 2" GALYANIZED PIPE |
| POINT BY UN KNOWN PERSONE |
| 14" \\ \(\) |
| FROM OKEROIA TO RUMILGERFO PUPEL INC. Version 2020/01 |

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Page 3 of 8

Blue (Host Community)

INCIDENT NO: 47 50 7 06 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 |
|----------|----------|----------------|
| 1 | 5.02982 | 6.61161 |
| 2 | 5-03008 | 6.61119 |
| 3 | 5.02975 | 6.61188 |
| 4 5 | 5.02967 | 6.6/180 |
| | 5-02970 | 6.61168 |
| | 5-02982 | -6:61161 AXXXX |
| 6 | 5.02999 | 6.61113 |
| Programa | | 7 |
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INCIDENT NO: 2706706 JIV report S/N: 0585

| • Total calculated area of impact (Ha) • Impact within SPDC R.O.W • Impact outside SP | 5, 0.0051, 0.0009) Barrels |
|---|----------------------------|
| Impact within SPDC R.O.W Impact outside SPDC R.O.W Impact outside SPDC R.O.W Impact outside SPDC R.O.W Impact outside SPDC R.O.W Index of to 2 decimal places if area is ≥ 100 m² or to 4 decimal places if urea is < 100 m² (e.g. 14.5.) Volume of oil recovered before completion of JIV (V _{recJ}): Recovered oil V _{recJ} : NIL | |
| • Impact outside SPDC R.O.W Index of to 2 decimal places if area is ≥ 100 m² or to 4 decimal places if area is < 100 m² (e.g. 14.5.) Volume of oil recovered before completion of JIV (VrecJ): Recovered oil VrecJ: NIL Barrels | |
| d off to 2 decimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if area is $< 100 \text{ m}^2$ (e.g. 14.5. ess in Hectares (Ha) Volume of oil recovered before completion of JIV (V _{recJ}): Recovered oil V _{recJ} : NIL Barrels | |
| which of the decimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if area is $< 100 \text{ m}^2$ (e.g. 14.5.) Wolume of oil recovered before completion of JIV (V_{recJ}): Recovered oil V_{recJ} : Ontrolled recovery/evacuation from source with no impact to environment: Barrels | |
| ontrolled recovery/evacuation from source with no impact to environment: | Barrels |
| Recovered oil V _{recJ} : NIL Controlled recovery/evacuation from source with no impact to environment: Barrels | Barrels |
| ontrolled recovery/evacuation from source with no impact to environment: | |
| NIL Barrels | |
| · · · · · · · · · · · · · · · · · · · | TANDAR STORES |
| Net Estimated Spilled Volume VEst(bbls)* = 43.37 BARRELS | |
| Net Estimated Spilled Volume VEstlobis = 43.3 18 ARRED | |
| | |
| 그 그렇게 그렇게 살아가는 아일을 통해야 한 점점 하는 것 같아. 그리고 생각하는 물리 그는 그리고 있다면 하는 것이 없다. | |
| (1992년 - 1일 - 1일 대학교 (1992년 - 1992년 - | |
| | and the second |
| nated Reported Volume** Vrep(bbls)= 44 BARRELS | |
| nated Reported Volume** Vrep(bbls)= 44 BARRELS | |
| | |
| 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: | |
| | |
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Version 2020/01

| INCIDENT NO: 2700706 | JIV report S/N:058 | 35 |
|----------------------|--------------------|----|
|----------------------|--------------------|----|

| A | General | Status | of the | nit. |
|----|---------|--------|--------|------|
| u. | Otheral | Status | or 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
 ii. Investigation of the incident site showed that there is residual impact on site requiring further works

e. Representatives

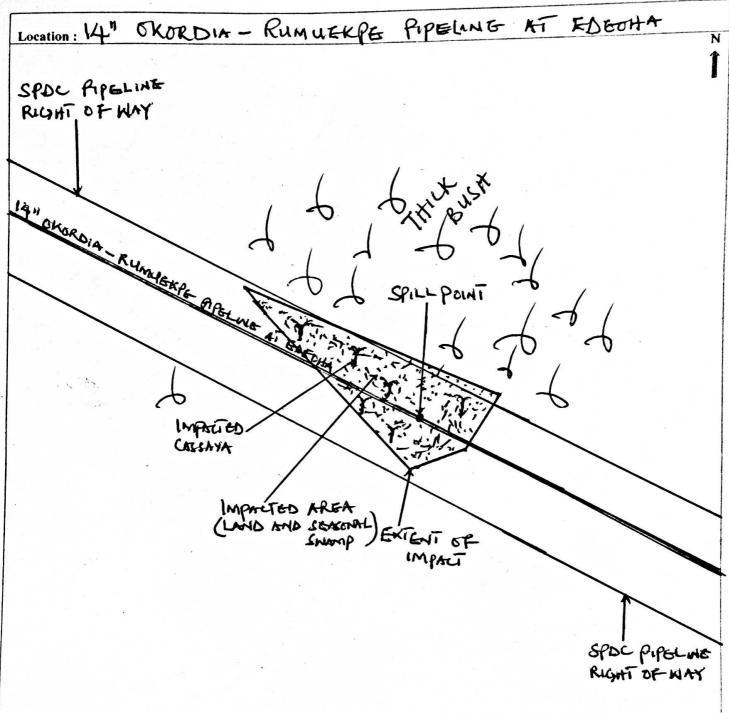
This report was filled, agreed and signed by the following joint investigation team representatives:

- 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: 2700706 JIV report S/N: 585

f. Appendix 1: Overview sketch of the site



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