



NATIONAL OIL SPILL DETECTION AND RESPONSE AGENCY
JOINT INVESTIGATION VISIT (JIV) FORM

Note: This JIV Form is to be completed and signed by all participating parties in the field

1. Company: SHELL PETROLEUM DEVELOPMENT COMPANY (SPDC)
2. Type of Complaint/Incident:
☐ Oil Pollution ☐ Fire/Explosion ☐ Drilling Mud/Chemical Pollution
☒ Others (Specify) GAS LEAK
3. Incident Details
i. Date of Incident: 10 / 10 / 2017 ii. Date first reported: 11 / 10 / 2017
iii. Date of first investigation: 13 / 10 / 2017 iv. Spill Incident No.: 1946342
v. Date of follow-up investigation:
vi. Time investigation started: 15:00 HRS
vii. Estimated quantity spilled(bbls): NIL viii. Quantity Recovered: NIL
4. Site Details
i. Site/Location: TUNU WELL-4 WELLHEAD
ii. State: BAYELSA iii. L.G.A.: EKHEREMOR
iv. Spill Co-Ordinates: N(m) 04° 51' 45.8"
E(m) 05° 35' 35.5"
v. Spill area
☒ Land ☒ Swamp ☒ Freshwater ☒ Mangrove ☒ Coastline
☒ Near shore ☒ Offshore ☐ Others (specify)
iv. Structural Controls in Place
☒ Boom ☐ Trenches ☐ Bund wall ☐ Sorbents ☐ Others (specify)
5. Circumstances Around Spill Point
i. Visual observation of Hole Position
☐ 12 O' Clock ☐ 10 O' Clock ☐ 2 O' Clock ☐ 3 O' Clock
☐ 4 O' Clock ☐ 5 O' Clock ☐ 6 O' Clock
ii. Type of Oil contaminant
☐ Crude Oil ☐ Condensate ☐ Chemicals ☐ Refined Products
☒ Others (specify) GAS
iii. Facility
☐ Pipeline ☐ Flow line ☒ Wellhead ☐ Manifold ☐ Flow Station ☐ Rig
☐ Storage Tank ☐ Compressor Plant ☐ Others (specify)
iv. Cause of Spill
☐ Corrosion ☒ Equipment Failure ☒ Third Party Interference ☐ Accident
☐ Operational Error ☐ Others (specify) GAS LEAK
v. Visible Sign of Third Party Interference
☐ Hacksaw Marks ☐ Drilled Holes ☐ Blasting ☐ Theft ☐ Acid
☒ Others (specify) NIL



6. Impact of Incident

i Properties impacted by the incident

- ☐ Farmland ☐ Fish Pond ☐ Vegetation ☐ Fishing Net ☐ Surface water
☐ Venerable Objects ☒ Others (specify)..... *N/C*

ii. Nature of impact

- ☐ Oil stained vegetation ☐ Oil stained fishing nets ☐ Dead floating fishes
☐ Dead floating crabs ☐ Withering of vegetation ☒ Others..... *N/C*

iii. Delineation of impacted area

- ☐ Within Company's facility/ROW ☐ Outside Company's facility/ROW

7. Type of properties/ structures, if any, found outside the right-of-way

- ☐ Crops ☐ Fish Farm/ Pond ☐ Fishing Net ☐ Makeshift
☐ Permanent ☒ Others *N/C*

8. Extent of Impact

a) Community (indicate name)

- i. *N/C*
 ii. *N/C*
 iii. *N/C*
 iv. *N/C*

b) Land (indicate area in m^2)

- i. *N/C*
 ii. *N/C*
 iii. *N/C*
 iv. *N/C*

b) Creeks/Creek lets

☐ Tidal

☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
	<i>N/C</i>	<i>N/C</i>	

c) Swamp

☐ Tidal

☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
	<i>N/C</i>	<i>N/C</i>	

d) River

☐ Tidal

☐ Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
	<i>N/C</i>	<i>N/C</i>	

e) Shoreline/water

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK
	<i>N/C</i>	<i>N/C</i>	

9. Photograph/Map/Chart Ref.

☒ Still photographs ☒ Video coverage ☒ Mapping

10. Samples taken

11. Investigation carried out by

☒ Foot ☒ Boat ☒ Aircraft

12. Remarks/Recommendation

TIV was conclusive, SHELL
Should increase routine maintenance of her facilities.

13. Time investigation ended

4.00pm