900

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

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

1. **Company:** SHELL PETROLEUM DEVELOPMENT COMPANY

2. **Type of Complaint/Incident:**
   ☑ Oil Pollution ☐ Fire/Explosion ☐ Drilling Mud/Chemical Pollution
   ☐ Others (Specify).....

3. **Incident Details**
   i. Date of Incident: 28/02/2014 . ii. Date first reported: 03/03/2014
   iii. Date of first investigation: 07/03/2014 iv. Spill Incidence No.: 1131950
   v. Date of follow-up investigation:...../...../.....
   vi. Time investigation started: 02:40pm
   vii. Estimated quantity spilled(bbls): 7bbls viii. Quantity Recovered:.....

4. **Site Details**
   i. Site/Location:: YOKRI INFIELD MANIFOLD 8 CP2 BULK LINE
   ii. State: DELTA STATE iii. L.G.A: BURUTU
   iv. Spill Co-ordinates: N(m) 05° 26' 30.8"
   E(m) 005° 14' 50.2"
   v. **Spill area**
   ☑ Land ☐ Swamp ☐ Freshwater ☐ Mangrove ☐ Coastline
   ☐ Near shore ☐ Offshore ☐ Others (specify).....
   vi. **Structural Controls in Place**
   ☐ Boom ☐ Trenches ☐ Bund wall ☐ Sorbents ☐ Others (specify) NONE

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) .....
   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).....
   v. **Visible Sign of Third Party Interference**
   ☐ Hacksaw Marks ☐ Drilled Holes ☐ Blasting ☐ Theft ☐ Acid
   ☐ Others (specify).....

6. **Impact of Incident**

i. **Properties impacted by the incident**

☐Farmland ☐Fish Pond ☑Vegetation ☐Fishing Net ☐Surface water

☐Venerable Objects ☐Others (specify).....

ii. **Nature of impact**

☑Oil stained vegetation ☐Oil stained fishing nets ☐Dead floating fishes

☐Dead floating crabs ☑Withering of vegetation ☐Others.....

iii. **Delineation of impacted area**

AREA= 690 m2 ☑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 .....

8. **Extent of Impact**

a) **Community** (*indicate name*)

i. .....

ii. .....

iii. .....

iv. .....

b) **Land** (*indicate area in m^2*)

i. .....

ii. .....

iii. .....

iv. .....

b) **Creeks/Creek lets** ☐Tidal ☐Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

c) **Swamp** ☐Tidal ☐Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

d) **River** ☐Tidal ☐Non-tidal

NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

e) **Shoreline/water**

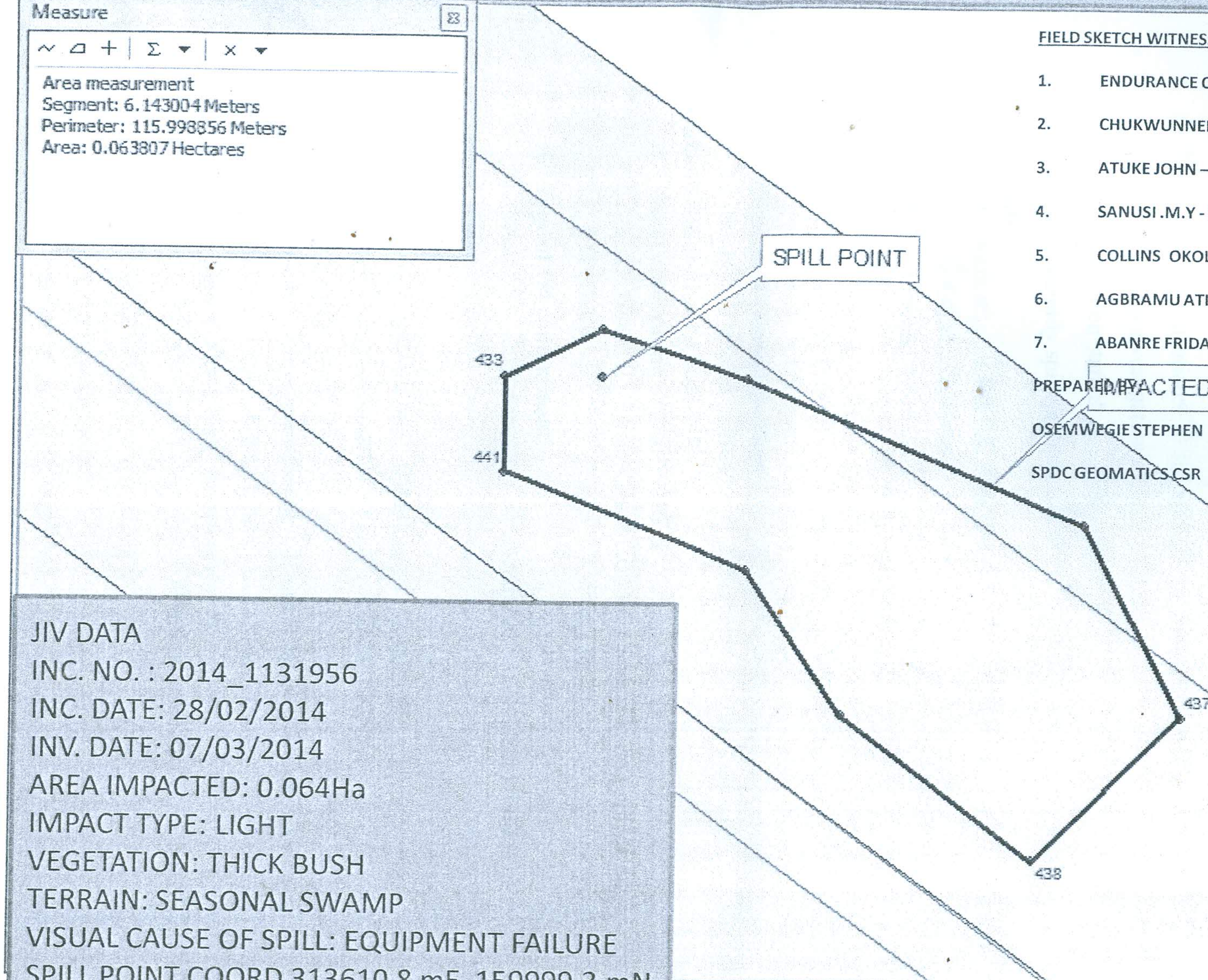
NAME	DIRECTION OF SLICK	LENGTH OF SLICK	WIDTH OF SLICK

9. **Photograph/Map/Chart Ref.**
   ☑ Still photographs ☐ Video coverage ☐ Mapping
10. **Samples taken**..... NONE .....
11. **Investigation carried out by**
    ☑ Foot ☐ Boat ☑ Aircraft
12. **Remarks/Recommedation**..... Sectional replacement of flowline and clean up of impacted areas. .....
    .....
13. **Time investigation ended** ..... 03:40pm .....

AREAS AFFECTED BY CRUDE OIL SPILLAGE ALONG YOKRI INLAND MANIFOLD 8 LP2 BULKLINE @ YOKRI

Measure

Area measurement
Segment: 6.143004 Meters
Perimeter: 115.998856 Meters
Area: 0.063807 Hectares



FIELD SKETCH WITNESSED BY:

1. ENDURANCE O – SPDC OSRT
2. CHUKWUNNEME AKACHUKWU – SPDC LANDS DEPT
3. ATUKE JOHN – DSMEV
4. SANUSI .M.Y - DPR
5. COLLINS OKOLO – NOSDRA
6. AGBRAMU ATIKU – JIT LEAD
7. ABANRE FRIDAY – SOKEBOLOU COMMUNITY CHAIRMAN

IMPACTED AREA = 0.064Ha

PREPARED BY:
OSEMWEGIE STEPHEN
SPDC GEOMATICS CSR

JIV DATA
INC. NO. : 2014_1131956
INC. DATE: 28/02/2014
INV. DATE: 07/03/2014
AREA IMPACTED: 0.064Ha
IMPACT TYPE: LIGHT
VEGETATION: THICK BUSH
TERRAIN: SEASONAL SWAMP
VISUAL CAUSE OF SPILL: EQUIPMENT FAILURE
SPILL POINT COORD 313610.8 mE, 159999.3 mN
(Minna West Belt)
CSR: OSEMWEGIE STEPHEN

Name	EAST	NORTH
SPILL POINT432	313610.8	159999.3
433	313604.7	159999.3
434	313610.8	160002.4
435	313620.1	159999.3
436	313641.6	159990.1
437	313647.8	159977.9
438	313638.6	159968.6
439	313626.2	159977.8
440	313620.1	159987
441	313604.7	159993.2

904