INCIDENT NO: 1502962 JIV report S/N:

Nº 0000079

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties) A. GENERAL INFORMATION: 1. Spill incident Number: 1502962 2. Type of incident\* DIL SPILL 3. Name of Location 20" KOLDERECK - RUMWEKPE PIPELINE 4. Name of nearest community AMINI GBOKB. State: RIVERS 6. LGA ABUA 100 LAL 7. Type of Production facility/Installation DIL PIPELINE (RISER) 8. Asset owner/District SPDC / PIPELINE. **B. INCIDENT INFORMATION:** Details of incident 9TH OCTOBER, 2015 9. Details of incident b. Start date/time of investigation: 15TH OCTUBER, 2015 / 10:35 AM. c. Investigation End date: 15 THO LTOBER PACITIAL investigation duration, days: ON E (2) DAY. d. Description of spill point environment ☐Firm soil Loose soil Recently excavated area **Swampy** ☐Under water ☐Exposed pipe surface ☐Well Platform (on Water DrillRig Additional observations around the spill point: DURING THE JOINT INVESTIGATION/
VISIT OIL STAINS WERE OBSERVED AROUND FLOODED AREA OF THE SPILL POINT. e. Description of leak point (tick as applicable); Tear ( ☐Drilled hole ☐ Hack saw cut Complete Rupture Inward dent. ☐ Well head tampering Failed Clamp, Failed Weld-on illegal hot tap valve ☐ 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 Others(specify) f. Incident caused by: ☐ Third party interference (Sabotage☐; crude theft☐; Line theft☐; Accidental 3<sup>rd</sup> party damage☐)

Operational

Others (including Mystery spills)

<sup>\*</sup>This can be: a) Oil Spill by Drilling fluid Chemical c) Siltation d) construction | c) Encroachment f) Fire,

JIV report S/N:

INCIDENT NO: 1502962

Nº 0000079 g. Spill point coordinates WGS 84 h. Measuring unit Easting: Northing: CLONGITUC C. RISK ASSESSMENT 10. Type of environment: Water Seasonal swamp ☐Shoreline/Waterfront Land **□**Swamp Type of environment to which oil has spread: (SEASONIAL) ■Water ☐River (identify) Land **✓**Swamp ii. Weather condition Sunny □Wet ☐Windy Hot □Rain 11. Distance from the nearest sensitive habitat **ル/**4m] Government reserved and designated protected area (m, 4/1/A □ Drinking water source M/L.m] ☐ Built up area [人 | ロ ,m] **Farmlands** ☐ Fish Farm/Pond [ M)(m) ☐ Fishing net Allem) ☐ Others (specify). 12. Containment measures put in place; None Dyke ☐ Natural depression □Pit ☐ Trench ☐ Booms Others: [N] 13. Any pictures or video coverage? [Y] 14. Further response/repair initiated as at the time of JIV? [N]If yes to item 14, give brief description: REPAIR WORK PLANNED LNT

15. Was there any disruption to the investigation?

[ Y]

If yes to item 15 give brief description:

INCIDENT NO: 1502962 JIV report S/N: Nº 0000079

	Type of Struct	ures	Description	Size	Number		Comm	ents
7	ONE	K	MAN	AR	EA (	7F	Dre	JPA et
_	7. Crops/Econom	ia Teasa					<u> </u>	
1	Type of crops	Young		Medium	Matured	Quan	titu	Comments
	1 10	A	1	A VA		A		On of
f	VONE-	h	HHM	_#X	£74 (	<i>`</i>	1)47	P/TU
٦	, ,,,	<u> </u>	<del> !-</del>	• -		<u> </u>		1
_					•			
1	8. Fishing Nets/F Nets/Ponds				O	C		
	Nets/Ponts		Description t	-	Quantity/Size	Comme	DIS	
1	ONE	1.1	MM	A-DA	<u>a</u> 01	- 1	190	nci
4	V/ Y C	M	17 17 17 1	NAT			<u> </u>	TV
1	Others (Specify	y) i.e. A	nimal Traps		l			
	Others		Description .		Quantity/Size	Commo	ents	
	1-0-10-		1	^ ^		•		1 122 T
١	HINE		111 H1NL	- 17/d	<del>- (7) - (</del>	<del>   </del>	1/1	
٦	11 V / 1 🕶	10 11/2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7 'Y '			,	
	10/14	ry	77 17 17 10				<b>**</b>	
Gi	RAPHIC DESCR	RIPTION	N OF LEAK PO	OINT (while d	etail report of th	•		
e	ak report, overvjev VF 20	KOL	N OF LEAK PO of the site should O LACEK	DINT (while d be added as a	etail report of the appendix 1)	•		be contained in
e	ak report, overvjev UF 2011 16 POS i	KOL KOL	of the site should DEREK -	be added as a	etail report of the nappendix 1)	•		
e	ak report, overvjev UF 2011 16 POS i	KOL KOL	of the site should DEREK -	be added as a - RMMW LED CL	n appendix 1) EFPE pl	PELIN		
e	ak report, overvjev UF 2011 16 POS i	KOL KOL	of the site should DEREK -	be added as a - RMMW LED CL	n appendix 1) EFPE pl	PELIN		
le	ak report, overvjev VF 20	KOL KOL	of the site should DEREK -	be added as a - RMMW LED CL	n appendix 1) EFPE pl	PELIN		
e	ak report, overvjev UF 2011 16 POS i	KOL KOL	of the site should DEREK -	be added as a - RMMW LED CL	n appendix 1) EFPE pl	PELIN	OE A	AMINI (
e	ak report, overvjev UF 2011 16 POS i	KOL KOL	of the site should DEREK -	be added as a - RMMW LED CL	n appendix 1)	PELIN	OE A	AMINI (
le	ak report, overvjev UF 2011 16 POS i	KOL KOL	OF FAI	LED CL	AX POINT	PELIN	OE A	AMINI (
e	ak report, overvjev UF 2011 16 POS i	KOL KOL	OF FAI	LED CL	n appendix 1) EFPE pl	PELIN	OE A	
le A	ak report, overvjev OF 2011 16 POS 1	Skeich FON FINIS FINIS	OF FAI	LED CL	AX POINT	PELIN	et A	CLAMPS
1 e	ak report, overvjev OF 2011 16 POS 1	Skeich FON FINIS FINIS	OF FAI	LED CL	AX POINT	PELIN	et A	CLAMPS
IA	ak report, overvjev OF 2011 16 POS 1	Skeich FON FINIS FINIS	OF FAI	LED CL	AX POINT	PELIN	OE A	CLAMPS
IA	ak report, overvjev OF 2011 16 POS 1	Skeich FON FINIS FINIS	OF FAI	LED CL	AX POINT	PELIN	et A	CLAMPS
le A	ak report, overvjev OF 2011 16 POS 1	Skeich FON FINIS FINIS	OF FAI	LED CL	AX POINT	PELIN	et A	CLAMPS
e	ak report, overvjev UF 2011 16 POS i	Skeich FON FINIS FINIS	OF FAI	LED CL	AX POINT	PELIN	et A	CLAMPS

INCIDENT NO: 1502962 JIV report S/N: Nº 0000079

#### F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION

20. Impacted area boundary Coordinates (If more, Print and attach as an appendix)

	T - 1 - 1 - 1 - 1 - 1	, , , ,	<del></del> ,
S/N	Northing		Easting (LONGITUDE)
		4.94744	6.55841
		4.9474	6.55844
		4·9474 4·94741	6.55846
		4.94745	6.55841 6.55841 6.55846 6.55846
		·	
	<u> </u>	· ·	
	1	· 174	
	1		
			/
		/	
<u>.</u>			,
_	·		
			<u> </u>
		<u>/</u>	
			,
$\angle$	<u> </u>		•
<u></u>	<del> </del> -		

INCIDENT NO: 1502962 JIV report S/N: Nº 0800079

€.	IN	CIĐ	ENT	<b>ENFOR</b>	MA	TION:
<b>u</b> .				III UN		

a.	Impacted	i Area	Details
----	----------	--------	---------

•	Total calculated area of impact	0.0025H9	
•	Impact within R.O.W	YES	_
•	Impact outside R.O.W	No	

### b. Volume of oil recovered before completion of JIV $(V_{recJ})$ :

Recovered oil V<sub>rec3</sub>: M/L Barrels

Controlled recovery/evacuation from source with no impact to environment:

NIL	Barrels
/7/-	

c. Net Estimated Spilled VolumeV<sub>Est</sub>(bbls)\* =

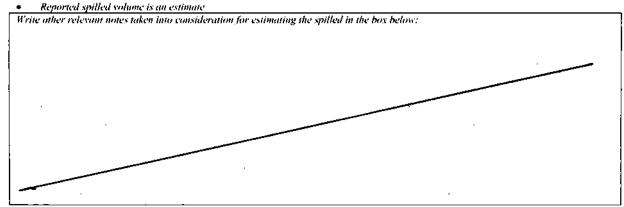
O·40 BARR.

Estimated Reported Volume\*\* V<sub>rep</sub>(bbls)=

O·40 BARR.

\*Notes:

Volume estimation was done using an excel based tool/(see attached for details on the calculation)



Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation software on site: Conversion of m' to barrels is Volume (m3) x 6.29; \*\*Round up estimated volume to next whole number using the following rules:

Any spill volume in excess of -1 bbl - is rounded up to the next whole number.

Any spill volume in less than = 1 bbl = is rounded up to the next 0.1 bbl.

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

INCIDENT NO: 1502962 JIV report S/N: Nº 9000079

d.	General	Status	of the	site
	OCHUM	CIMILAR	VI IIIC	JELL

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	and JIT
ii.	Investigation of the incident site showed that there is residual impact on site requiring further works	112

#### e. Representatives

This 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]:
- Asset Owner 

  ✓
- Signatories agree with reported findings,
- Separate DPR form has been filled out with same findings□

Tick as applicable

INCIDENT NO: 1502962 JIV report S/N: Nº 0000079

f. Appendix 1: Overview sketch of the site

