INCIDENT NO: 2800895 JIV report S/N: 0606

(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: 2800895	2. Type of inci	dent* OIL SPILL
3. Name of Location 4" MORNER 1	JELL 60T	FLOWLINE
4. Name of nearest community ODAGWA 5	5. State: RIVERS	6.LGA ETCHE
7. Production Facility/Installation 012 F1		
8. Asset Owner/Hub THE SHELL PETRO B. INCIDENT INFORMATION: OF MIGER	OLEUM DEV	ELOPMENT COMPANY
B. INCIDENT INFORMATION: OF MIGER	14 LIMITED/	LAND EAST HUB
9. Details of incident 3 RD DECEMBER a. Date Reported: 3 DECEMBER b. Start date/time of Investigation: 77H DECEMBE c. Investigation End date: 71H DECEMBE	CEMBER 202	0 / 13/25 HRS on site: ONE DAY
d. Description of spill point environment	at and	۸ ۰
□Firm soil □Loose so		☐Recently excavated area
☐ Under water ☐ Swampy ☐ Well Platform (on water) ☐ Drill Rig		☐Exposed pipe surface ☐Sand bag(s)
Additional observations around the spill point:		
MOT APPLICA	ABLE	
e. Description of leak point (tick as applicable); Smooth round-edge hole Complete Rupture Failed Weld-on illegal hot tap valve Crude oil theft (illegal bunkering) point, Third party tampering with valve setting Flare System/Bund wall failure Valve Failure Tear () Others (specify)	☐ Rough-edge hole ☐ Inward dent, ☐ Failed Clamp, ☐ Saver-pit over flow ☐ Bulging Outward ☐ Cold vent ☐ Relief valve failure	☐ Hack saw cut ☐ Well head tampering ☐ Missing Pipeline/Flowline ☐ Third party tampering with Clamp ☐ Third party tampering with flange, ☐ Surge vessel overflow, ☐ Accidental 3 rd party equipment impact
f. Incident caused by: 1☐Third party interference (Sabotage ☐; crude t ☐Operational ☐Others (including M		cidental 3 rd party damage □)
	á	

*This can be: (a) Oil Spill (b) Drilling fluid/Chemical (c) Siltation (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);

	Measuring unit Northing:		S 84 DE	Easting:	LONG	HTUDE	
		1.98048	497	7	1714	2496	
RI	SK ASSESSMEN	Γ.	Signal Signal	5			
10	. Details of Envir	onment					
i.	Type of envi	ronment where	spill occurred (sele	ct one):			
2	L and	□Swamp	□Water	□ Season	nal swamp	Shoreline	/Waterfront
ii.	Type of env	ironment to which	ch oil has spread:			*1	
	'DLand	□ Swamp	☐Waterbody (s	pecify)	_		
iii.	. Weather con	dition	9/ 36500d	6 (2000)			e
	\square_{Dry}	Wet	□Windy	□Hot	5.86	¥	
11	. Distance to Sens	itive habitat witl	nin 100m radius			Ÿ	
12	☐ Government ☐ Drinking wa ☐ Surface ☐ Built up Are ☐ Resider ☐ Farmlands ☐ Fish Farm/Pe ☐ Fishing net ☐ Others (spec	ter source water □Bo a ntial Area □Co ond	gnated protected area	1	,m] ,m] ,m] ,m] ,m]	MONE	SEEM VICIMI
12.	#1 201—34 AV		a				
9	Others:	тенен Шуке	Pit Natural	depression	∐None		Ti .
13.	Any pictures or vic	leo coverage?		[LY]	[N]	-	1
17	P. J		at the time of JIV?	[Y]	[W]		

0606

incident no: 2800899	JIV report S/N 0606
15. Was there any disruption to the investigation?	[Y] [DAT
If yes to item 15 give brief description:	
MOTAPPLICABL	E
16. Was JIV delayed? [N]	
Reason(s): Delayed Community Access Approval Others (specify) DELAYED IN INFE	rity Challenges
HTPROVAL VRUES	OUND WITHIN THE AREA OF SPREAD OF OIL
S/N Type of Structures Description Size	Number Comments
NOME WITHIN AR	EA OF IMPACT
18. Crops/Economic Trees S/N Type of crops Young Medium	-Matured: Quantity Comments
Monte Willing ARS	A OF WEIGHT
19. Fish/Nets/Ponds S/N Fish/Nets/Ponds Description	
NONE LITHIN A	Quantity/Size Comments
20. Others (Specify) e.g. Animal Traps	1001 01-11-11-11
S/N Others Description	Quantity/Size Comments
MOME HIMM M	CA OF IMPACT
E. GRAPHIC DESCRIPTION OF LEAK POINT (while de in the leak report, overview sketch of the site should be added in the leak report, overview sketch of the site should be added in the leak report, overview sketch of the site should be added in the leak report, overview sketch of the site should be added in the leak report.	tailed description of the leak point should be contained as appendix 1)
DAGWA SHOWING CRUDE OIL	L GOT FLOWLINE AT
O'CLOCK POSITION BY UNKN	OUNT PERSONISON
CONNECTO 1" PIPE CONNECTO	ON TAP LINE
PIPE	1/2"BALL VALNE SPILL POINT
	0 4"
FROM IMORAVER WE	h 605 To Induspaces Flow

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	7.00073	aid ich	OLF QUA:		

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

21. Impacted area boundary Coordinates (If more, Print and attach as Appendix)

		## Sistering
S/N	Northing LATITUDE	Easting LONGITUDE
	4.98049363	7-17-142524
	4.98047237	7.17143340
	4.98046601	7-17-13-94-01
	498047711	7.17140255
•	4.98049227	7.17140099
		7 11 7 0039
# # # # # # # # # # # # # # # # # # #		
ė.	,	
	16	
		2
		

INCIDENT NO: 2800895 ___ JIV report S/N: 0606 G. INCIDENT INFORMATION: a. Impacted Area Details * 0.00084Ha Total calculated area of impact (Ha) Impact within SPDC R.O.W Impact outside SPDC R.O.W * Round off to 2 decimal places if area is $\geq 100 \text{ m}^2$ or to 4 decimal places if area is $\leq 100 \text{ m}^2$ (e.g. 14.55, 0.0051, 0.0009) * Express in Hectares (Ha) b. Volume of oil recovered before completion of JIV (VrecJ): Recovered oil Vrees: Barrels Controlled recovery/evacuation from source with no impact to environment: Net Estimated Spilled Volume V_{Est}(bbls)# = 0.06 BARRELS Estimated Reported Volume** Vrep(bbls)= *Notes: 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; 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 m³ 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 I bbl is rounded up to the next 0.1 bbl. Examples: Calculated volume = 15.3 bbl ----- Reported volume = 16 bbl Calculated volume = 0.35 bbl ----- Reported volume = 0.4 bbl Calculated volume = 0.01 bbl ----- Reported volume = 0.1 bbl. Wherever this estimation tool is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use appropriate steps for column estimation; record the calculation in a plain sheet of paper and attach to the JIV report.

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d.	General	Status	of the	cita
AL.	O CHICI 21	DIALIIS	OT THE	CITA

i.	Joint investigation of the incident site found that there is no residual impact after the initial response 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	12/	-

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]: ☑
- 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 a

Tick as applicable

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f. Appendix 1: Overview sketch of the site

