

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT  
GULF OF MEXICO REGION

ACCIDENT INVESTIGATION REPORT

*For Public Release*

1. OCCURRED

DATE: **07-OCT-2019** TIME: **1530** HOURS

2. OPERATOR: **Byron Energy Inc.**

REPRESENTATIVE:

TELEPHONE:

CONTRACTOR:

REPRESENTATIVE:

TELEPHONE:

- STRUCTURAL DAMAGE
- CRANE
- OTHER LIFTING
- DAMAGED/DISABLED SAFETY SYS.
- INCIDENT >\$25K
- H2S/15MIN./20PPM
- REQUIRED MUSTER
- SHUTDOWN FROM GAS RELEASE
- OTHER

3. OPERATOR/CONTRACTOR REPRESENTATIVE/SUPERVISOR ON SITE AT TIME OF INCIDENT:

8. OPERATION:

4. LEASE: **G01194**

AREA: **SM** LATITUDE:

BLOCK: **58** LONGITUDE:

- PRODUCTION
- DRILLING
- WORKOVER
- COMPLETION
- HELICOPTER
- MOTOR VESSEL
- PIPELINE SEGMENT NO.
- OTHER

5. PLATFORM:

RIG NAME: **ENTERPRISE 263**

6. ACTIVITY:

- EXPLORATION(POE)
- DEVELOPMENT/PRODUCTION (DOCD/POD)

9. CAUSE:

7. TYPE:

INJURIES:

HISTORIC INJURY

OPERATOR CONTRACTOR

REQUIRED EVACUATION **1**

LTA (1-3 days)

LTA (>3 days)

RW/JT (1-3 days) **1**

RW/JT (>3 days)

FATALITY

Other Injury

- EQUIPMENT FAILURE
- HUMAN ERROR
- EXTERNAL DAMAGE
- SLIP/TRIP/FALL
- WEATHER RELATED
- LEAK
- UPSET H2O TREATING
- OVERBOARD DRILLING FLUID
- OTHER \_\_\_\_\_

POLLUTION

FIRE

EXPLOSION

LWC  HISTORIC BLOWOUT

UNDERGROUND

SURFACE

DEVERTER

SURFACE EQUIPMENT FAILURE OR PROCEDURES

10. WATER DEPTH: **132** FT.

11. DISTANCE FROM SHORE: **55** MI.

12. WIND DIRECTION:  
SPEED: **10** M.P.H.

13. CURRENT DIRECTION:  
SPEED: M.P.H.

14. SEA STATE: **5** FT.

15. PICTURES TAKEN:

16. STATEMENT TAKEN:

COLLISION  HISTORIC  >\$25K  <=\$25K

On 07 October 2019, a Premium Oilfield Services (POS) Fishing Tool Supervisor sustained an injury to his right thumb while working on a mechanical casing cutter. The incident occurred onboard a jack-up rig during well operations for Byron Energy Inc. (Byron) at South Marsh Island Block 58. The severity of the POS Fishing Tool Supervisor's right thumb injury required evacuation, via a non-medical helicopter, from the rig for medical treatment. Byron verbally notified as well as reported in eWell to the BSEE Lafayette District on 07 October 2019 about the incident.

At approximately 15:30 hours on 07 October 2019, a POS Fishing Tool Supervisor made up a mechanical casing cutter onto the bottom hole assembly (BHA). Prior to running the mechanical casing cutter into the well bore, the POS Fishing Tool Supervisor attempted to manipulate the sliding sleeve on the mechanical casing cutter to engage the cutters. However, he had trouble releasing the sliding sleeve. So, an air hoist was attached onto the bottom of the casing cutter to aid in releasing the sliding sleeve. The POS Fishing Tool Supervisor placed both of his hands onto the mechanical casing cutter and attempted to rotate the sliding sleeve to release and engage the cutters as upward pressure was applied by the air hoist. The applied upward pressure from the air hoist caused the sliding sleeve to shift; but the POS Fishing Tool Supervisor was unable to retract his right hand in time from the sliding sleeve causing his right thumb to be pinched by the cutter.

The POS Fishing Tool Supervisor reported to the Rig Medic for treatment and it was determined that he had a laceration on his right thumb that required treatment beyond first aid. The POS Fishing Tool Supervisor was evacuated from the rig for medical treatment on 07 October 2019.

On 9 October 2019, BSEE Lafayette District inspectors mobilized to the Enterprise 263 rig and conducted an incident investigation. Enterprise informed BSEE that at the time of the incident, the POS Fishing Tool Supervisor was not wearing the proper personal protective equipment (PPE) as documented in the Job Safety Analysis (JSA) dated 7 October 2019 and as prescribed in Enterprise's Safety Manual (SAF 190 and SAF 160). BSEE gathered all available documents and conducted photographic documentation of the incident scene.

18. LIST THE PROBABLE CAUSE(S) OF ACCIDENT:

The BSEE incident investigation team has determined the probable cause of the incident was due to improper hand placement while attempting to manipulate the sliding sleeve to engage the cutters on the mechanical casing cutter.

19. LIST THE CONTRIBUTING CAUSE(S) OF ACCIDENT:

BSEE's investigation identified the following contributing causes for this incident: 1) the POS Fishing Tool Supervisor did not follow POS's policy and procedure about engaging mechanical casing cutters prior to making up to the BHA, 2) the POS Fishing Tool Supervisor was not wearing proper PPE such as impact gloves as stated in Enterprise's Safety Manual (SAF 190 and SAF 160), and 3) the POS Fishing Tool Supervisor did not follow the hazards listed in Enterprise's JSA.

20. LIST THE ADDITIONAL INFORMATION:

LIST OF APPENDICES:

21. PROPERTY DAMAGED: NATURE OF DAMAGE:  
**No property was damaged during this incident.** **Not applicable.**  
ESTIMATED AMOUNT (TOTAL): \$

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:  
**The BSEE Lafayette District makes no recommendations to the Office of Incident Investigations.**

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: **YES**

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:  
**This G-110 Incident of Noncompliance (INC) is issued to document that Byron Energy Inc. (Byron) failed to oversee that operations were performed in a safe and workmanlike manner on the Enterprise Offshore Drilling, LLC 263 jack-up rig during well operations at South Marsh Island Block 58. On 7 October 2019, Byron failed to provide adequate supervision when a Premium Oilfield Services (POS) Fishing Tool Supervisor sustained a right thumb laceration while attempting to manipulate the sliding sleeve to engage the cutters on the mechanical casing cutter. The severity of the POS Fishing Tool Supervisor's right thumb injury required evacuation from the rig for medical treatment.**

25. DATE OF ONSITE INVESTIGATION: **09-OCT-2019**  
26. INVESTIGATION TEAM MEMBERS: **Troy Naquin (Report Author) / Leo Dartez (On-site) / Jack Angelle (Onsite) /**  
27. OPERATOR REPORT ON FILE:  
28. ACCIDENT CLASSIFICATION:  
29. ACCIDENT INVESTIGATION PANEL FORMED: **NO**  
OCS REPORT:  
30. DISTRICT SUPERVISOR: **Robert Ranney**

APPROVED  
DATE: **30-JAN-2020**