

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: **14-FEB-2014** TIME: **1445** HOURS

2. OPERATOR: **ANKOR Energy LLC**

REPRESENTATIVE:

TELEPHONE:

CONTRACTOR: **Ensco Offshore Co. -**

REPRESENTATIVE:

TELEPHONE:

- STRUCTURAL DAMAGE
- CRANE
- OTHER LIFTING DEVICE
- 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:

6. OPERATION:

4. LEASE: **00577**

AREA: **EI** LATITUDE: **28.66463871 -**
BLOCK: **208** LONGITUDE: **-91.50950615 -**

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

5. PLATFORM: - **J**
RIG NAME: **ENSCO 90**

6. ACTIVITY: EXPLORATION (POE)
 DEVELOPMENT/PRODUCTION
(DOCD/POD)

8. CAUSE:

7. TYPE:

HISTORIC INJURY -

- REQUIRED EVACUATION
- LTA (1-3 days)
- LTA (>3 days)
- RW/JT (1-3 days)
- RW/JT (>3 days) **1 -**
- Other Injury -

- EQUIPMENT FAILURE
- HUMAN ERROR
- EXTERNAL DAMAGE -
- SLIP/TRIP/FALL
- WEATHER RELATED
- LEAK
- UPSET H2O TREATING
- OVERBOARD DRILLING FLUID
- OTHER **Poor Job Planning**

- FATALITY
- POLLUTION
- FIRE
- EXPLOSION

- LWC - HISTORIC BLOWOUT
- UNDERGROUND
 - SURFACE
 - DEVERTER
 - SURFACE EQUIPMENT FAILURE OR PROCEDURES

9. WATER DEPTH: **98** FT.
10. DISTANCE FROM SHORE: **42** MI.
11. WIND DIRECTION: **SW -**
SPEED: **12** M.P.H.
12. CURRENT DIRECTION:
SPEED: M.P.H.
13. SEA STATE: **4** FT.

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

At approximately 14:45 hours on 14 February 2014, an Ensco Floorhand sustained a finger injury while working on the Ensco 90 jack-up rig during drilling operations for Ankor Energy, LLC on Well J007 located at Eugene Island (EI) Block 208J.

The finger injury occurred when the Floorhand was assisting with the picking up of 7-inch casing joints at the v-door area. The Floorhand installed a lift nubbin in casing joint #2 and used a valve bar to tighten the nubbin in the casing joint. When the Floorhand tightened down on the lift nubbin, casing joint #2 slid down the cat walk pinning his right index finger between the valve bar and the end of casing joint #3. The rig floor crew freed the Injured Party's (IP) finger by lifting the casing joint with an air hoist. It was observed that the IP's right index finger was nearly amputated at the first knuckle joint and he sustained bruising to the right middle finger. The IP was taken to the Rig Medic for immediate medical treatment; however, due to the severity of the finger injury, it was determined that the IP would have to be evacuated for medical treatment at a hospital.

At 15:45 hours on 14 February 2014, the IP was air lifted from the rig and he arrived at the LSU Medical Center in New Orleans, Louisiana (LA) at 16:20 hours for medical treatment. The hospital was unable to save the first knuckle to fingertip (distal phalanx area) of the right index finger; therefore, it required surgical amputation.

On 18 February 2014, the IP was released from the hospital and was assigned to light duty work at Ensco's warehouse located in Broussard, LA. Ensco has classified this accident as a "Restricted Work Case."

The Ensco Incident Investigation Report stated that the probable cause of the finger injury was attributed to a casing joint slipping down the cat walk because it was not supported by the back stop.

According to the Ensco Incident Investigation Report, the following were listed as contributing causes to the injury: 1) a worker was not assigned to verify that all casing joints were supported by the cat walk back stop; 2) workers did not recognize that a casing joint was not supported by the cat walk back stop; 3) the hazard analysis did not address potential pinch points created by slipping casing joints and 4) inadequate spacing of casing joints in the v-door.

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

The Ensco Incident Investigation Report stated that the probable cause of the finger injury was attributed to a casing joint slipping down the cat walk because it was not supported by the back stop.

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

According to the Ensco Incident Investigation Report, the following were listed as contributing causes to the injury: 1) a worker was not assigned to verify that all casing joints were supported by the cat walk back stop; 2) workers did not recognize that a casing joint was not supported by the cat walk back stop; 3) the hazard analysis did not address potential pinch points created by slipping casing joints and 4) inadequate spacing of casing joints in the v-door.

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED: NATURE OF DAMAGE:
No property was damaged during this incident. Not applicable.

ESTIMATED AMOUNT (TOTAL): \$

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The BSEE Lafayette District Office makes two recommendations: 1) issuing of a safety alert to industry regarding this incident in an attempt to avoid a recurrence and 2) referring of this incident to the Potential Incident of Noncompliance (PINC) team for consideration in developing a PINC that specifically addresses pipe and casing handling operations at the v-door area on rigs.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: YES

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

Based on the accident investigation findings, a G-110 Incident of Noncompliance (INC) was issued "After the Fact" to document the failure of Ankor Energy to protect health, safety, property, and the environment by performing operations in an unsafe and unworkmanlike manner. The accident that occurred on 14 February 2014 was caused by the operator's failure to oversee and identify all hazards associated with casing lifting operations that resulted in an Ensco Floorhand sustaining a severe finger injury. The Floorhand required evacuation from the rig to a New Orleans area hospital where his right index finger required surgical amputation from the first knuckle to the finger tip.

In addition, based on the findings of Ensco's Incident Investigation Report, a G-110 INC was issued to Ensco "After the Fact" to document its failure to protect health, safety, property, and the environment by performing operations in an unsafe and unworkmanlike manner. The 14 February 2014 accident on the Ensco 90 rig was attributed to poor job planning, employees not following safe work practices and the failure to identify all hazards associated with handling of casing in the v-door area that resulted in an Ensco Floorhand sustaining a severe injury to his right index finger. The Ensco Floorhand was evacuated from the Ensco 90 rig to a New Orleans area hospital where his right index finger required surgical amputation from the first knuckle to the finger tip.

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25. DATE OF ONSITE INVESTIGATION:

27-FEB-2014

26. ONSITE TEAM MEMBERS:

Troy Naquin /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

Elliott S. Smith

APPROVED

DATE: **06-MAY-2014**