

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: **22-JAN-2015** TIME: **2315** HOURS

2. OPERATOR: **BP Exploration & Production Inc.**

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: **G09868**

AREA: **MC** LATITUDE: **28.190861 -**  
BLOCK: **778** LONGITUDE: **-88.495861 -**

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

5. PLATFORM:

RIG NAME: **THUNDER HORSE PDQ**

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

8. CAUSE:

7. TYPE:

HISTORIC INJURY -

- REQUIRED EVACUATION 1 -
- 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 **Channel Iron Shifted**

- FATALITY
- POLLUTION
- FIRE
- EXPLOSION

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

9. WATER DEPTH: **6301** FT.
10. DISTANCE FROM SHORE: **60** MI.
11. WIND DIRECTION: **SE -**  
SPEED: **29** M.P.H.
12. CURRENT DIRECTION: **ENE**  
SPEED: **1** M.P.H.
13. SEA STATE: **7** FT.

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

At 2200 hours on 22-JAN-2015 a third party employee made a request for the Crane Operator to remove a 4' x 4' x 1/4" sheet of aluminum from the storage rack. There were additional pieces of iron and metal in the storage rack that needed to be moved out of the way in order to retrieve the sheet of metal. NOTE: Some of the metal sheeting was resting on the top of an uneven stack (4-pieces) of C-channel iron.

2230 hours: The Crane Operator and two Roustabouts began tilting back the unneeded material, with the support of adjustable nylon straps, in order to access the required piece of sheet metal that weighed 38-lbs.

2235 hours: The Crane Operator and Roustabout #1, the Injured Person (IP), were on the aft side of the storage rack supporting the metal sheets they had tilted back. Roustabout #2 was on the forward side of the rack about to slide out the metal sheet needed for the job. About that time, the channel iron that the metal sheets were resting on shifted forward allowing nine metal sheets weighing approximately 2,150-lbs to also slide forward. Both the right and left foot of the IP were pinned under the metal sheets. A pallet jack was utilized to lift the metal sheets off of the IP's feet. Initial diagnosis from the emergency room doctor states that the IP sustained at least one fracture to a bone in the left foot. A follow-up consultation with an Orthopedic Specialist was recommended by the attending emergency room physician.

The BSEE investigation determined that poor body positioning on behalf of the IP, performing the task with only a verbal Job Safety Analysis (JSA) instead of a written JSA and the Crane Operator and Roustabouts were currently working off of a "General Housekeeping Work Instructions" Form were the probable causes of the incident. The investigation also identified the following contributing factor of the incident: The "General Housekeeping Work Instructions" form instructions for manually lifting and handling equipment was not the best practice for the task at hand.

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

- 1) Poor body positioning on behalf of the IP. -
- 2) A verbal "Job Safety Analysis" was performed prior to moving the sheets of metal. (Nothing in writing). -
- 3) The Crane Operator and Roustabouts were currently working off of a "General Housekeeping Work Instructions" form. -

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

On page 2 section 5 D of the "General Housekeeping Work Instructions" form (section titled, Manually Lifting/Handling Equipment/Items) it clearly states to "Keep the load close to your body when lifting."

These instructions noted above would not have been the best practice for the task at hand.

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

None

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ESTIMATED AMOUNT (TOTAL): \$

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

**The New Orleans District has no recommendations at this time.**

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: **NO**

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

**03-FEB-2015**

26. ONSITE TEAM MEMBERS:

**Earl Roy / Stephen Flynn /**

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

**David Trocquet**

APPROVED

DATE: **30-JUL-2015**

## INJURY/FATALITY/WITNESS ATTACHMENT

- OPERATOR REPRESENTATIVE

INJURY

CONTRACTOR REPRESENTATIVE

FATALITY

OTHER \_\_\_\_\_

WITNESS

NAME: -

HOME ADDRESS: -

CITY: -

STATE: -

WORK PHONE: -

TOTAL OFFSHORE EXPERIENCE:

YEARS -

EMPLOYED BY: - **BP Exploration & Production Inc. / 02481 -**

# INJURY/FATALITY/WITNESS ATTACHMENT

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BUSINESS ADDRESS:

CITY:

STATE:

ZIP CODE:

OPERATOR REPRESENTATIVE

INJURY

CONTRACTOR REPRESENTATIVE

FATALITY

OTHER \_\_\_\_\_

WITNESS

NAME:

HOME ADDRESS:

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WORK PHONE:

TOTAL OFFSHORE EXPERIENCE:

YEARS

EMPLOYED BY: **Ensco Offshore Co. / 20307**

BUSINESS ADDRESS:

CITY:

STATE:

ZIP CODE: