

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: 26-APR-2019 TIME: 0355 HOURS

2. OPERATOR: Anadarko Petroleum Corporation

REPRESENTATIVE:
TELEPHONE:

CONTRACTOR: Diamond Offshore Drilling, Inc.

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: G21444

AREA: KC

BLOCK: 875

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

5. PLATFORM:

RIG NAME: DIAMOND OCEAN BLACKHORNET

6. ACTIVITY:

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

9. CAUSE:

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

7. TYPE:

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

- FATALITY
- POLLUTION
- FIRE
- EXPLOSION

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

- 10. WATER DEPTH: 7000 FT.
- 11. DISTANCE FROM SHORE: 235 MI.
- 12. WIND DIRECTION: N
SPEED: 8 M.P.H.
- 13. CURRENT DIRECTION:
SPEED: M.P.H.
- 14. SEA STATE: 2 FT.
- 15. PICTURES TAKEN:
- 16. STATEMENT TAKEN:

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

17. INVESTIGATION FINDINGS:

On 26 April 2019, a Diamond Offshore (DO) Roustabout injured his right hand when he tripped on an air hose and fell to the rig floor on the DO Ocean Blackhornet drillship that was conducting well operations for Anadarko Petroleum Corporation (Anadarko) at the surface location of Keathley Canyon Block 875. The severity of the DO Roustabout's right hand injury required evacuation from the rig for medical treatment.

On 26 April 2019, a DO rig floor crew was in the process of rigging up a coil tubing unit on the DO Ocean Blackhornet's rig floor. At approximately 03:55 hours, a DO Roustabout was carrying a 3-inch chiksan swing on his right shoulder for rigging up the coil tubing unit. As the DO Roustabout was walking across the rig floor, his right foot hung up on a red air hose situated over a chiksan line that caused him to fall forward onto the rig floor. The DO Roustabout was wearing impact resistant gloves as he attempted to break his fall as he fell towards the rig floor. As his right hand was on the rig floor, the chiksan swing came over his right shoulder and struck his right hand.

The DO Roustabout reported to the Rig Medic who observed that his right hand had swelling isolated to the area around his right index finger and that he required medical attention beyond first aid. The DO Roustabout was transported to West Jefferson Hospital in Marrero, Louisiana where he underwent surgery that included having a plate and 8 screws implanted in his right index finger. The DO Roustabout was released and allowed to return home on 27 April 2019.

Anadarko contacted the BSEE Lafayette District on 26 April 2019 and submitted the eWell report at 14:09 hours on 10 May 2019. On 14 May 2019, BSEE Inspectors mobilized to the DO Ocean Blackhornet and conducted an incident investigation and gathered all available documentation.

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

The BSEE incident investigation team determined that the probable cause of the incident was due to the DO Roustabout's lack of situational awareness by not recognizing that the red air hose posed a slip, trip, fall hazard.

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

BSEE's investigation into this incident identified the following contributing causes: 1) multiple lines and hoses that were situated on the rig floor were not perceived as a hazard by the DO rig floor crew and 2) the Job Plan / Job Safety Analysis failed to adequately address slip, trip, fall hazards associated with a crowded rig floor with lines and hoses associated with coil tubing and completion simultaneous operations.

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 RECCURANCE 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:

Based on the incident investigation findings, a G-110 Incident of Noncompliance (INC) was issued "After the Fact" to Anadarko Petroleum Corporation (Anadarko) to document its failure to protect health, safety and the environment by performing operations in an unsafe and unworkmanlike manner on the Diamond Offshore (DO) Ocean Blackhornet during well operations at Keathley Canyon Block 875. On 26 April 2019, Anadarko failed to provide adequate supervision when a DO Roustabout was injured when he tripped over an air hose while carrying a chiksan swing on the rig floor. The DO Roustabout fell to the rig floor and the chiksan swing struck and injured his right hand. The severity of the DO Roustabout's right hand injury required evacuation from the rig and surgery was performed on his right index finger by installing a plate and 8 screws.

25. DATE OF ONSITE INVESTIGATION:

14-MAY-2019

28. ACCIDENT CLASSIFICATION:

29. ACCIDENT INVESTIGATION
PANEL FORMED: NO

26. INVESTIGATION TEAM MEMBERS:

Jack Angelle / David Suire /
Troy Naquin (Report Author) /

OCS REPORT:

30. DISTRICT SUPERVISOR:

Robert Ranney

27. OPERATOR REPORT ON FILE:

APPROVED

DATE: 13-AUG-2019