

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-APR-2013 TIME: 1245 HOURS

2. OPERATOR: Stone Energy Corporation

REPRESENTATIVE:

TELEPHONE:

CONTRACTOR: Acadian Oil and Gas, LLC

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: G06898

AREA: VK LATITUDE: 28.97303233
BLOCK: 989 LONGITUDE: -88.62598209

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

5. PLATFORM: A

RIG NAME:

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)
 - Other Injury
 - FATALITY
 - POLLUTION
 - FIRE
 - EXPLOSION
- LWC HISTORIC BLOWOUT
- UNDERGROUND
 - SURFACE
 - DEVERTER
 - SURFACE EQUIPMENT FAILURE OR PROCEDURES

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

9. WATER DEPTH: 1290 FT.

10. DISTANCE FROM SHORE: 26 MI.

11. WIND DIRECTION:
SPEED: M.P.H.

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

COLLISION HISTORIC >\$25K <=\$25K 13. SEA STATE: 3 FT.

17. INVESTIGATION FINDINGS: -

A small fire occurred in the deck drain next to a designated hot work area while performing repairs on the A-29 Vent/Drain Header. Sparks from a grinder being used to clean and prep the pipe for welding, entered into the drain outside of the immediate hot work area and ignited residual hydrocarbons. Although, the drain had previously been cleaned, flushed and filled with soap and water, a flash fire still occurred. The fire was immediately pushed to the West end of the drain with the use of the standby light water hose reel, where it was extinguished with the use of a 30 pound extinguisher within 30 seconds. There were no injuries to personnel and no impact to the environment and no reported property damages. However, Stone Energy did not take all the necessary precautions to prevent the fire hazard. Although some precautions were taken, an accumulation of flammable hydrocarbons were missed, resulting in a small flash fire ignited by a grinder's spark.

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

1. Residual hydrocarbons or flammable substances not being accounted for while hot work was being performed.
2. Inadequate fire blankets.
3. Inadequate isolation methods to prevent grinding sparks from reaching possible flammable sources outside of the immediate hot work area.-

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

Not doing as thorough a job preparation before the fire occurred, as was done after the incident happened.

20. LIST THE ADDITIONAL INFORMATION:

An All Stop (Safety Stand Down) was called shutting down all operations following the incident. Notifications were made to Stone's operations and HSE Department. A completed review of all JSEA's was performed. Multiple Hazard Hunts were performed. A hazard analysis was performed of the work going forward. A complete wash down of the area around the construction activity including brushing and power wash with soap. Wet tarps were laid covering all deck drain lines. An enclosure using tarps was built around the construction area. Gas detectors are being used within these enclosures which are ventilated on the top. Three fire watches will be on duty to insure adequate surveillance. The OIM and Construction PIC both walked down the operation and were comfortable to resume the hot work operations without further incident.

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

None

ESTIMATED AMOUNT (TOTAL):

\$

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The MMS New Orleans District makes no recommendations to the MMS Regional Office of Safety Management (OSM).

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

G-112 was issued on 08-APR-2013 for Stone Energy Corporation's failure to take all necessary precautions to prevent a fire hazard.

25. DATE OF ONSITE INVESTIGATION:

08-APR-2013

26. ONSITE TEAM MEMBERS:

Otho Barnes / Gerald Taylor /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

David Trocquet

APPROVED

DATE: **19-MAR-2014**

FIRE/EXPLOSION ATTACHMENT

1. SOURCE OF IGNITION: **Sparks from a grinder. -**

2. TYPE OF FUEL:
- GAS
 - OIL
 - DIESEL
 - CONDENSATE
 - HYDRAULIC
 - OTHER **Residual Hydrocarbons**

3. FUEL SOURCE: **A-29 Vent/Drain Header**

4. WERE PRECAUTIONS OR ACTIONS TAKEN TO ISOLATE
KNOWN SOURCES OF IGNITION PRIOR TO THE ACCIDENT ? **NO**

5. TYPE OF FIREFIGHTING EQUIPMENT UTILIZED:
- HANDHELD**
 - WHEELED UNIT
 - FIXED CHEMICAL**
 - FIXED WATER
 - NONE
 - OTHER

INJURY/FATALITY/WITNESS ATTACHMENT

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 :

BUSINESS ADDRESS :

CITY :

STATE :

ZIP CODE :