

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: 27-APR-2020 TIME: 0300 HOURS

2. OPERATOR: Talos Energy Offshore LLC

REPRESENTATIVE:

TELEPHONE:

CONTRACTOR: Charlie & Demples Production (C

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:

4. LEASE: G35292

AREA: EW LATITUDE:

BLOCK: 305 LONGITUDE:

5. PLATFORM: A

RIG NAME:

6. ACTIVITY:

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

7. TYPE:

INJURIES:

HISTORIC INJURY

OPERATOR CONTRACTOR

REQUIRED EVACUATION

LTA (1-3 days)

LTA (>3 days)

RW/JT (1-3 days)

RW/JT (>3 days)

FATALITY

Other Injury

POLLUTION

FIRE

EXPLOSION

LWC HISTORIC BLOWOUT

UNDERGROUND

SURFACE

DEVERTER

SURFACE EQUIPMENT FAILURE OR PROCEDURES

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

8. OPERATION:

- PRODUCTION
- DRILLING
- WORKOVER
- COMPLETION
- HELICOPTER
- MOTOR VESSEL
- PIPELINE SEGMENT NO.
- OTHER bottom-hole survey with wireline

9. CAUSE:

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

10. WATER DEPTH: 271 FT.

11. DISTANCE FROM SHORE: 32 MI.

12. WIND DIRECTION: ENE
SPEED: 17 M.P.H.

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

14. SEA STATE: 2 FT.

15. PICTURES TAKEN:

16. STATEMENT TAKEN:

On 27 April 2020 at 03:00 hours, Talos Energy Offshore LLC (Talos) experienced a small release of well gas while C&D Wireline LLC (C&D) was conducting wireline operations at Ewing Banks (EW) Block 305 Well A-22, OCS-G 35292. Talos subsequently reported the incident to the Bureau of Safety and Environmental Enforcement (BSEE) New Orleans District.

Prior to the incident on 26 April 2020, C&D used 0.108 inch (in) wireline equipment and rigged up on the Well to set the Bottom Hole Pressure (BHP) gauges in a landing nipple. The well was shut-in with SITP 6900 psi. C&D then ran a check set tool string to confirm the equipment was securely set in the landing nipple.

While coming out of the hole at 03:00 hours 27 April 2020, with the check set tool string, and the wire and rope socket atop; the tool string parted at the Surface Controlled Subsurface Safety Valve (SCSSV). The severed wire allowed the tool string to fall downhole; then the parted 0.108 in wire was pushed up and out the stuffing box atop the lubricator. This caused a small amount of well gas to be released through the stuffing box pack off assembly; then to the atmosphere and through the high-pressure grease injection pack off hose to the small grease seal unit oil reservoir. The well was immediately secured with the in-service wireline blow-out preventers (BOPS) and by closing the crown valve on the well. This incident resulted in no injuries to personnel or environmental damage to Gulf of Mexico waters. Upon further investigation of the equipment by wireline personnel, it was discovered that the small grease seal unit oil reservoir ruptured due to the influx of gas.

On 28 April 2020, a BSEE incident investigation team mobilized to EW 305 A and conducted an on-site investigation. The BSEE incident investigation team conducted the following activities: (1) gathered all applicable documents; (2) performed written and photo-graphic documentation of the incident scene; (3) conducted a post incident inspection; and (4) re-interviewed witnesses to the incident.

According to Talos' investigation report, the sequence of events was as follows:

04.26.2020

- ~2030 - crew completed work on A20 well and rigged down, moving to well A22
- ~2045 - Ran gauge run and POOH
- ~2235 - Changed tool (made up down hole pressure equipment) checked downhole control line pressure at 8500 and tubing pressure at 6,900 psi. Run in hole with BHP gauges on X-lock and set at 15,266' WLM. POOH.

04.27.2020

- ~0200 - rigged up 2.313 check set, test lubricator. Run in hole with check set and tapped down on top of the lock (15,266'). Came out of hole.
- ~0300 - While coming out of the hole the wire caught the downhole safety valve with the tool (tool string and check set) at 427'. Wire broke at 427'.
- Wire started coming out of the stuffing box
- Pressure started leaking out of the stuffing box and started blowing out the grease seal unit.
- As the Wireline crew went to close the needle valve on the grease seal unit, the tank ruptured.
- Close wireline valve (rams) and shut the crown valve.
- Bleed down the lubricator, opened the ram
- Lubricator then laid down.
- ~0330 - Notified PIC/UWA. Site cleaned up. Wireline was prepared to go fish the tooling but an all stop was called.

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

Equipment Failure:

***The 1/2 in vent on the grease seal unit oil reservoir was unable to handle the well return pressure causing the tank to overpressure.**

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

***The check valve in the lubricator is designed to seal off well fluid and pressure in the event of unexpected wireline break. In this event, the check valve failed to operate properly.**

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:

NATURE OF DAMAGE:

Grease Seal Unit Oil Reservoir (the tank had a split in it)

ESTIMATED AMOUNT (TOTAL): **\$150**

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

At this time the New Orleans District has no further recommendations.

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

28. ACCIDENT CLASSIFICATION:

28-APR-2020

26. INVESTIGATION TEAM MEMBERS:

29. ACCIDENT INVESTIGATION

Frank Musacchia / Earl Roy /

PANEL FORMED: **NO**

27. OPERATOR REPORT ON FILE:

OCS REPORT:

30. DISTRICT SUPERVISOR:

David Trocquet

APPROVED

DATE: **16-OCT-2020**