

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: 25-MAY-2021 TIME: 0700 HOURS

2. OPERATOR: GOM Shelf LLC

REPRESENTATIVE:

TELEPHONE:

CONTRACTOR:

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: G02665

AREA: BA LATITUDE:

BLOCK: A 133 LONGITUDE:

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

5. PLATFORM: A

RIG NAME:

6. ACTIVITY:

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

9. CAUSE:

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

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

POLLUTION

FIRE

EXPLOSION

LWC HISTORIC BLOWOUT

UNDERGROUND

SURFACE

DEVERTER

SURFACE EQUIPMENT FAILURE OR PROCEDURES

10. WATER DEPTH: 200 FT.

11. DISTANCE FROM SHORE: 40 MI.

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

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

14. SEA STATE: FT.

15. PICTURES TAKEN:

16. STATEMENT TAKEN:

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

On May 25th, 2021, GOM Shelf LLC had an incident located at the Brazos Area, Block A133 Platform A Facility (The Facility) on the G02665 Lease. The incident (The Incident) involved damage to a pipeline valve located on The Facility's plus (+) 12 level. The valve actuator separated from the valve stem. There was no pollution or injuries reported with this incident.

On July 18th, 2020, GOM Shelf LLC shut in The Facility due to hurricane damage.

On May 25th, 2021, GOM Shelf LLC reported to Williams Pipeline that at approximately 05:30 hours on the same day The Facility Operators (The Operators) located in the living quarters heard a loud bang. The Operators discovered the departing gas pipeline valve actuator had blown off on the +12 level of The Facility. The valve actuator separated from the valve body, ejected approximately 25 feet straight up, and struck a support beam for the deck above. After The Incident, the valve stem and valve body remained intact. There was no sign of pollution or gas released. GOM Shelf LLC notified Williams Pipeline of The Incident but did not notify the Bureau of Safety and Environmental Enforcement (BSEE).

On July 16th, 2021, BSEE discovered the actuator damage while performing a routine onsite inspection of the Facility. During the onsite inspection, a BSEE Inspector observed the valve actuator housing laying on the +12 deck. The BSEE Inspector questioned the Operators and at that time was notified of The Incident. The BSEE inspector did not issue an Incident of Non-Compliance (INC) during this inspection due to an anticipated follow up investigation by the BSEE Lake Jackson District Investigator. The Facility remained shut-in.

On August 12th, 2021, BSEE and the Williams Pipeline Investigation Teams traveled to The Facility. During the onsite investigation, the BSEE Investigator noted the valve damage was not repaired, there was zero pressure on the control panel and The Facility remained shut-in. The Versa Valve on the inlet side of the actuator was tested and found to be set at 133 pounds per square inch (PSI), which is the proper setting to operate the valve. Due to The Facility shut-in conditions in addition to the time laps between the incident and the onsite investigation, the investigators were unable to repeat the event. However, high pressure is suspected to have been introduced into the exhaust /vent side of the actuator control, causing a release of stored energy to propel the actuator up and strike the deck support beams above.

The Facility remains shut in and the pipeline valve remains damaged. The BSEE Lake Jackson District will ensure all devices are inspected and functioning before production resumes.

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

Suspected that high pressure was introduced to the exhaust/vent side of actuator control.

19. LIST THE CONTRIBUTING CAUSE(S) OF ACCIDENT: None

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED: Valve Actuator

NATURE OF DAMAGE: Valve Actuator damaged beyond repair.

ESTIMATED AMOUNT (TOTAL): \$33,000

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE: **None**

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

G-131(W) Lessee failed to notify the Lake Jackson District Manager of all serious accidents, any death or serious injury, and all fires, explosions, and blow outs connected with any activities or operations on a lease. 30 CFR 250.187

25. DATE OF ONSITE INVESTIGATION:

16-JUL-2021

28. ACCIDENT CLASSIFICATION:

29. ACCIDENT INVESTIGATION

26. INVESTIGATION TEAM MEMBERS:

Edward Keown /

PANEL FORMED: **NO**

OCS REPORT:

27. OPERATOR REPORT ON FILE:

30. DISTRICT SUPERVISOR:

Stephen Martinez

APPROVED

DATE: **03-JAN-2022**