ACCIDENT INVESTIGATION REPORT

1. OCCURRED
   DATE: 03-MAR-2012  TIME: 2130 HOURS

2. OPERATOR: Murphy Exploration & Production Co.
   REPRESENTATIVE: 
   TELEPHONE: 
   CONTRACTOR: Nabors Drilling Inc.
   REPRESENTATIVE: 
   TELEPHONE: 

3. OPERATOR/CONTRACTOR REPRESENTATIVE/SUPERVISOR ON SITE AT TIME OF INCIDENT:

4. LEASE: G21790
   AREA: GC  LATITUDE: 27.62484093
   BLOCK: 338  LONGITUDE: -90.44104746

5. PLATFORM: A-Front Runner
   RIG NAME: NABORS MODS 200

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

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

8. CAUSE:
   EQUIPMENT FAILURE
   HUMAN ERROR
   EXTERNAL DAMAGE
   SLIP/TRIP/FALL
   WEATHER RELATED
   LEAK
   UPSET H20 TREATING
   OVERBOARD DRILLING FLUID
   OTHER
   Prod. SI, Comp. BD

9. WATER DEPTH: 3330 FT.

10. DISTANCE FROM SHORE: 103 MI.

11. WIND DIRECTION: NNE
    SPEED: 53 M.P.H.

12. CURRENT DIRECTION: SSW
    SPEED: 1 M.P.H.

13. SEA STATE: 10 FT.
Murphy Exploration & Production Company had a small fire on GC 338 A (Front Runner platform). The fire occurred in the monkey board area of the derrick on the Nabors Mods 200 platform drilling rig. The rig was warm stacked (idle and ready) and the operation of removing the derrick for onshore inspection was shut down due to high winds and poor weather conditions. During this time of high winds the platform production system had an upset and the gas in the system blew down through the compressor to the flare (which is continually lit to burn off excess gas). The winds at this time were in excess of 45-53 mph and the direction was out of the north/north east which blew the flare’s flames toward the rig. The flames ignited the flammable materials in the monkey board area which consisted of coco mats, rope, and an air-line. No personnel were in the derrick at the time of the fire/compressor blow down and no one was injured.

As a result of this incident, Murphy changed the flare nozzle to direct flow away from the derrick. Murphy conducted a radiation study and with the new nozzle in place, danger exists for the flare to be blown back onto the derrick when winds exceed 45 mph. No personnel would be allowed in the derrick with winds at that level.

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

1) Production Shut-In
2) Compressor Blow-Down
3) Wind Direction
4) Wind Speed

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

1) Flammable Materials in Derrick

20. LIST THE ADDITIONAL INFORMATION:

The Nabors Mods 200 drilling rig was located in the middle of the production platform to the south of the flare boom. The flare boom was located on the north east corner of the facility and was approximately 208 feet away from the rig derrick.

coco mats, rope, and an air line  burned

21. PROPERTY DAMAGED:  
NATURE OF DAMAGE:

ESTIMATED AMOUNT (TOTAL):  $200

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

The BSEE Houma District makes no recommendations to the Agency.
23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: **NO**

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

n/a

25. DATE OF ONSITE INVESTIGATION:

**03-MAR-2012**

26. ONSITE TEAM MEMBERS:

Jerry Freeman /

29. ACCIDENT INVESTIGATION PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

Bryan Domangue

APPROVED DATE: **14-AUG-2012**
1. SOURCE OF IGNITION: flare boom (constant flame)

2. TYPE OF FUEL: 
   - [X] GAS
   - [ ] OIL
   - [ ] DIESEL
   - [ ] CONDENSATE
   - [ ] HYDRAULIC
   - [ ] OTHER

3. FUEL SOURCE: compressor blow down

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
   - [X] OTHER The wind extinguished the flame before equipment was needed.