UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT  
PACIFIC OCS REGION  
ACCIDENT INVESTIGATION REPORT

1. OCCURRED  
DATE: 22-SEP-2012  TIME: 1132 HOURS

2. OPERATOR: Beta Operating Company, LLC  
REPRESENTATIVE:  
TELEPHONE:  
CONTRACTOR:  
REPRESENTATIVE:  
TELEPHONE:

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

4. LEASE: P00300  
AREA: LB  LATITUDE:  
BLOCK: 6438  LONGITUDE:

5. PLATFORM: ELLY  
RIG NAME:

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

7. TYPE:
☑ HISTORIC INJURY  
☑ REQUIRED EVACUATION  
1 LTA (1-3 days)  
1 LTA (>3 days)  
1 RW/JT (1-3 days)  
1 RW/JT (>3 days)  
1 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 H2O TREATING  
☐ OVERBOARD DRILLING FLUID  
☐ OTHER

9. WATER DEPTH: 265 FT.

10. DISTANCE FROM SHORE: 9 MI.

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

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

13. SEA STATE: FT.

14. PICTURES TAKEN: YES

15. STATEMENT TAKEN: YES

MMS - FORM 2010  
EV2010R  
PAGE: 1 OF 4  
18-MAR-2013
17. INVESTIGATION FINDINGS:

(cable technician) with 3rd party contractor TDE was performing a Megger (Hi-Pot) test on newly laid sub-sea cable (prior to tie-in). was testing the last conductor when the Megger lead popped off. He walked over to re-attached the Megger lead to the conductor & a loud pop was heard as he received a shock of an estimated 98,000 volts at a low amperage.

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

* Improper PPE: Cable Technician did not utilize (voltage gloves) as required on his JHA (JSA)
* A special test procedure was available to the cable technician, however was not available onsite.

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

* Training: Although being a level 3 Certified Technician, did the technician need more skill/knowledge to perform the task or to respond to conditions or to understand system response?
* Situation not covered on procedure. Did the procedure fail to address all situations that reasonably could have been expected to occur during the completion of the procedure?
* No safe work permit issued for the task.

20. LIST THE ADDITIONAL INFORMATION:

* Policies, Administrative controls, or procedures not used, missing, or in need of improvement? The Supervisor for the area affected by the work (control room operator) should have been notified & received a copy of the JHA (JSA) prior to the contractor starting work. Authorized company personnel should have signed off on the JHA (JSA) prior to starting the task.
* Further information located under inspections dated 09/24/12 (insp. type "AI"). Photo's of the incident site are also attached under noted inspection record.

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

N/A

ESTIMATED AMOUNT (TOTAL): $ 0

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

* Adhere to company policy regarding JSA's.
* Conduct daily safety meetings to address contractor's activities & their procedures.
* Implement safe work or hot work permit as applicable for all non-routine operations.
23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: **YES**

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

* Improper PPE
* No procedure onsite for the work being conducted.

25. DATE OF ONSITE INVESTIGATION: **24-SEP-2012**

26. ONSITE TEAM MEMBERS:

Bob Borghei / Bobby Fuller /

27. OPERATOR REPORT ON FILE: **YES**

28. ACCIDENT CLASSIFICATION: **MAJOR**

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

OCS REPORT:

30. DISTRICT SUPERVISOR:

Mike Mitchell (Acting)

APPROVED DATE: 12-NOV-2012