

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION
ACCIDENT INVESTIGATION REPORT

1. OCCURRED

DATE: **01-MAR-2006** TIME: **0800** HOURS

2. OPERATOR: **Energy Partners, Ltd.**

REPRESENTATIVE: **Mike Poland**

TELEPHONE: **(281) 674-0350**

3. LEASE: **G10744**

AREA: **EI** LATITUDE:

BLOCK: **277** LONGITUDE:

4. PLATFORM:

RIG NAME: **ENSCO 105**

5. ACTIVITY: EXPLORATION(POE)

DEVELOPMENT/PRODUCTION
(DOCD/POD)

6. TYPE: FIRE

EXPLOSION

BLOWOUT

COLLISION

INJURY NO. 1

FATALITY NO. _____

POLLUTION

OTHER _____

7. OPERATION: PRODUCTION

DRILLING

WORKOVER

COMPLETION

MOTOR VESSEL

PIPELINE SEGMENT NO. _____

OTHER _____

8. CAUSE: EQUIPMENT FAILURE

HUMAN ERROR

EXTERNAL DAMAGE

SLIP/TRIP/FALL

WEATHER RELATED

LEAK

UPSET H2O TREATING

OVERBOARD DRILLING FLUID

OTHER _____

9. WATER DEPTH: **165** FT.

10. DISTANCE FROM SHORE: **50** MI.

11. WIND DIRECTION:

SPEED: M.P.H.

12. CURRENT DIRECTION:

SPEED: M.P.H.

13. SEA STATE: FT.

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

CITY: STATE:

TELEPHONE:

CONTRACTOR:

CONTRACTOR REPRESENTATIVE/
SUPERVISOR ON SITE AT TIME OF INCIDENT:

CITY: STATE:

TELEPHONE:

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

On March 1, 2006, at approximately 0800 hours, _____, Enesco floorhand, seriously injured his left arm while operating a hydraulic driven Hawk Spin Master 950-H pipe spinner wrench.

The drilling rig Enesco 05 is under contract to Energy Partners, Ltd. (EPL) and was performing a workover operation on OCS-G 10744, Eugene Island [EI] Block 277. The Enesco 105 drill crew reported on tour at 06:00 hours and conducted a Work Instruction (WI) and Job Hazard Identification [JHI] meeting for picking up singles of 4 inch drill pipe, making up the drill pipe with the Iron Roughneck and running in the hole {RIH}.

The drill crew was having difficulty spinning/torquing up the drill pipe completely due to an external coating on the drill pipe. The driller informed the crew that he wanted to rig up and try to use the hydraulic pipe spinner wrench to see if this would improve the speed and quicken the pipe running in the hole operation. The crew was instructed to rig up the pipe spinner wrench at eye level to a new snubbing post along with installing a suitable sling as a snubbing line. The installation was completed as the rig drill crew continued to pick up the 4 inch drill pipe and run in the hole. At approximately 0800 hours, the drill crew placed the spinner wrench onto a joint of 4 inch drill pipe and started to make up the pipe connection. Immediately upon activation of the spinner wrench throttle by the Enesco floorhand, the spinner wrench rotated away from the operator due to the snubbing line being too long. The excessively long snubbing line allowed the spinner wrench to inappropriately and dangerously rotate away from the operator approximately 180 degrees once the spinner wrench throttle was engaged. The Enesco floorhand operating the throttle on the spinner wrench released the throttle upon realizing that the snubbing line was too long. However, the throttle possibly jammed and the spinner wrench continued to rotate until the full length of the snubbing line was tight. As the spinner wrench rotated, the floorhand managed to duck his head below the tightening snubbing line but was unable to remove his left arm in time to prevent his arm from becoming pinched between the snubbing line cable and the control lever on the spinner wrench. The Enesco floorhand sustained a fracture to his left arm.

DEFINITIONS:

Iron Roughneck-A manufacturer's name for a floor-mounted combination of a spinning wrench and a torque wrench. The Iron Roughneck moves into position hydraulically and eliminates the manual handling involved with suspended individual tools.

Spinning Wrench-A hydraulic or air driven wrench used to make up drill pipe or tubing connections. The spinner wrench is primarily used in place of the spinning chain and the winch-operated wrenches.

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

1. The snubbing line cable attached to the hydraulic spinner wrench was approximately 3 feet too long allowing the spinner to inappropriately rotate approximately 180 degrees.

2. The spinner wrench throttle apparently stuck in the on position.

3. The snubbing line to stop the rotation of the spinner wrench was rigged up in a new position on the rig floor for the first time.

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

1. The driller failed to revise the Job Safety Analysis after switching from the Iron Roughneck to the hydraulic driven spinner wrench.
2. The driller and drill crew failed to follow company policies and procedures.
3. The spinner wrench had not been utilized in several months which indicate that a scheduled maintenance program was not in effect.
4. The crew did not conduct a pre-test of the hydraulic driven before operating the equipment after installing a snubbing line and anchoring the snubbing line to a new position.
5. The driller initiated a shortcut to speed up the operation.
6. Four of the six Ensco drill crew were new to the crew and their positions.

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

None

ESTIMATED AMOUNT (TOTAL):

\$

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

MMS recommends that Energy Partner, LTD, assure that all contractors adhere to the following procedures when conducting drilling operations:

- 1. The driller must conduct a Job Safety Analysis meeting with the drill crew when the scope of the operation changes.**
- 2. All equipment must be inspected for proper operation prior to use.**
- 3. All equipment rigged-up must be thoroughly evaluated to avoid all potential hazards.**
- 4. EPL employees and contract personnel must follow company policies and procedures.**

The Lafayette District recommends that the Office of Safety Management send out a Safety Alert addressing Ensco's failure to conduct a JSA upon changing the scope of the drill pipe running operation, Ensco's failure to verify the proper length of the snubbing line cable prior to initiating operations and Ensco's failure to conduct a pre-test on the spinner wrench to assure that it was in proper working order and functioning properly.

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS:

Johnny Serrette /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

Pausina for Elliott Smith

APPROVED

DATE: **28-APR-2006**

INJURY/FATALITY/WITNESS ATTACHMENT

<input type="checkbox"/>	OPERATOR REPRESENTATIVE	<input type="checkbox"/>	INJURY
<input checked="" type="checkbox"/>	CONTRACTOR REPRESENTATIVE	<input type="checkbox"/>	FATALITY
<input type="checkbox"/>	OTHER _____	<input checked="" type="checkbox"/>	WITNESS

NAME:

HOME ADDRESS:

CITY:

STATE:

WORK PHONE: (337) 837-8500 TOTAL OFFSHORE EXPERIENCE: YEARS

EMPLOYED BY: **Ensco Offshore Co. / 20307**

BUSINESS ADDRESS: **620 Moulin Road**

CITY: **Broussard**

STATE: **LA**

ZIP CODE: **70518-9978**

<input type="checkbox"/>	OPERATOR REPRESENTATIVE	<input type="checkbox"/>	INJURY
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