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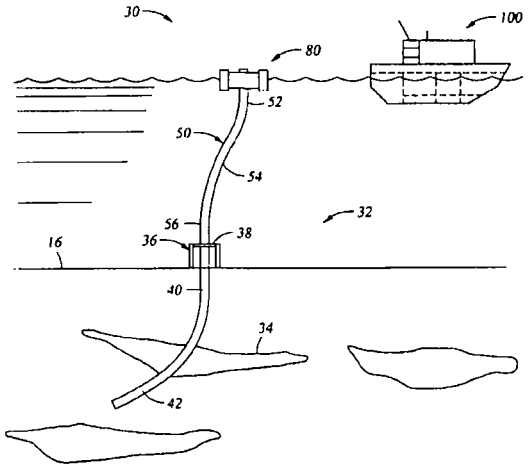
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(54) Title: WELL MANAGEMENT SYSTEM



(57) Abstract: An offshore field management system includes a composite riser (50), a floating buoy (80) and a service vessel (100). The riser (50) extends from a subsea well head (38) to the buoy (80). Conductors (74, 76) preferably provided in the riser (50), are connected with a well telemetry system. The buoy (50) has a floating or semi-submersible hull (82) that includes a hatch (90) covering a moonpool (86) for receiving the riser (50). The buoy (80) preferably includes satellite communication hardware (110) and computer systems in communication with the well telemetry system via riser embedded conductors (74, 76). The well environment can be remotely monitored using the buoy communication system. Servicing of the oilfield well is accomplished using the service vessel (100). The service vessel (100) is preferably a self-contained facility fitted with the equipment and materials necessary to carry out pre-determined well servicing operations. Service vessel personnel deploy the equipment and material into the riser (50) via the buoy hatch (90) after the buoy (80) has been docked in a bay (124) formed in the service vessel (100).

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