

DRILLING

(Last update – February 2004)

TRAVELING BLOCK

(Last update – March 2003)

D-100

IS AN OPERABLE CROWN BLOCK SAFETY DEVICE INSTALLED TO PREVENT THE TRAVELING BLOCK FROM STRIKING THE CROWN BLOCK?

Authority: 404

Enforcement Action: S

DEFINITION:

Crown block safety device - Normally a device (toggle) installed above the cable drum, which, when struck, disengages the drum clutch and sets the brake.

Note: The crown block safety device is not to be actuation tested when the crown block is loaded with the drill pipe or work string.

INSPECTION PROCEDURE:

1. Inspect the rig to verify the installation of a crown block safety device.
2. Visually inspect position of toggle above cable drum to:
 - A. Verify the distance for cable shutdown, and
 - B. Verify that the toggle has been reset after drill-line slipping operations.
3. Verify that the device is in service and witness the proper operation of the device.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when:

1. The crown block safety device is not installed or operable.
2. The toggle is not installed above the cable drum a sufficient distance for cable shutdown.
3. The toggle has not been reset after drill-line slipping operations.

INSPECTION FORM:

Enter one item checked for each drilling unit inspected.

D-101

IS THE CROWN BLOCK SAFETY DEVICE CHECKED FOR PROPER OPERATION AT LEAST ONCE EACH WEEK, AFTER EACH DRILL-LINE SLIPPING OPERATION, AND ARE THE RESULTS ENTERED INTO THE DRILLER'S REPORT?

Authority: 404

Enforcement Action: W/S

INSPECTION PROCEDURE:

Check driller's report to verify that the crown block safety device is checked for operation weekly and after each drill-line slipping operation.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if a required check is not recorded in driller's report.

Issue a rig shut-in (S) INC if the required checks are not performed.

INSPECTION FORM:

Enter one item checked for each drilling unit inspected.

DIRECTIONAL SURVEY

(Last update – March 2003)

D-110

ARE INCLINATION SURVEYS OBTAINED ON ALL VERTICAL WELLS AT INTERVALS NOT EXCEEDING 1,000 FEET DURING THE NORMAL COURSE OF DRILLING?

Authority: 461(a)(1)

Enforcement Action: S

INSPECTION PROCEDURE:

Inspect records of inclination surveys, noting intervals, for compliance.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when the required inclination survey has not been taken or the 1,000 foot interval has been exceeded.

INSPECTION FORM:

Enter one item checked for each well inspected.

D-111

ARE DIRECTIONAL SURVEYS GIVING BOTH INCLINATION AND AZIMUTH OBTAINED ON ALL DIRECTIONAL WELLS AT INTERVALS NOT EXCEEDING 500 FEET DURING THE NORMAL COURSE OF DRILLING?

Authority: 461(b)

Enforcement Action: S

INSPECTION PROCEDURE:

1. Inspect records of directional surveys, noting intervals, for compliance.
2. Verify that the information is recorded electronically.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when the required directional survey has not been taken or the 500-foot interval has been exceeded.

INSPECTION FORM:

Enter one item checked for each well inspected.

D-112

ARE DIRECTIONAL SURVEYS GIVING BOTH INCLINATION AND AZIMUTH OBTAINED ON ALL DIRECTIONAL WELLS AT INTERVALS NOT EXCEEDING 100 FEET IN ALL PORTIONS OF THE HOLE WHEN ANGLE CHANGES ARE PLANNED?

Authority: 461(b)

Enforcement Action: S

INSPECTION PROCEDURE:

1. Inspect records of directional surveys, noting intervals, for compliance.
2. Verify that the information is digitally recorded.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when the required directional survey has not been taken or the 100-foot interval has been exceeded.

INSPECTION FORM:

Enter one item checked for each well inspected.

D-113

ARE DIRECTIONAL SURVEYS GIVING BOTH INCLINATION AND AZIMUTH OBTAINED AT INTERVALS NOT EXCEEDING 500 FEET PRIOR TO OR UPON SETTING SURFACE OR INTERMEDIATE CASING, LINERS, AND AT TOTAL DEPTH ON ALL WELLS?

Authority: 461(a)(2)

Enforcement Action: S

INSPECTION PROCEDURE:

Inspect records of directional surveys, noting intervals, for compliance.

1. A composite diameter directional survey or a composite measurement-while-drilling (MWD) directional survey including a listing of the directionally computed inclinations and azimuths on a well classified as vertical will be acceptable as fulfilling the applicable requirements of this paragraph.
2. In the event a composite MWD survey is run, a multi-shot survey shall be obtained at each casing point in order to confirm the MWD results.
3. Verify that the information is recorded in electronic format.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when the required directional surveys have not been taken or the 500-foot interval has been exceeded.

INSPECTION FORM:

Enter one item checked for each well inspected.

MOVING DRILLING RIGS
(Last update – March 2003)

D-120

ARE ALL WELLS IN THE SAME WELL-BAY, WHICH ARE CAPABLE OF PRODUCING HYDROCARBONS, SHUT-IN BELOW THE SURFACE WITH A PUMP-THROUGH-TYPE TUBING PLUG AND AT THE SURFACE WITH A CLOSED MASTER VALVE PRIOR TO MOVING DRILLING RIGS AND RELATED EQUIPMENT (OR AS OTHERWISE APPROVED BY THE DISTRICT SUPERVISOR)?

Authority: 406(b)

Enforcement Action: W/C

Note: All producible wells located in the affected wellbay must be shut in below the surface and at the wellhead when:

1. A drilling rig or related equipment is moved on and off an offshore platform, this includes rigging up and rigging down activities within 500 feet of the affected platform;
2. A drilling unit is moved or skidded between wells on a platform; and
3. A MODU is within 500 feet of a platform and until the MODU is in place, secured, and ready to begin drilling operations.

INSPECTION PROCEDURE:

1. Inspect records to determine if the wells were shut-in below the surface with a pump-through-type tubing plug and at the surface with a closed master valve.
2. If moving operations are in progress during the inspection, check to see that the wells are shut-in at the surface with a closed master valve, and check records to verify the placement of a pump-through-type tubing plug below the surface.
3. The District Supervisor may approve other means of assuring the safety of the facility during moving operations.
4. A closed surface-controlled subsurface safety valve may be used in lieu of the pump-through-type tubing plug, provided that surface control has been locked out.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if records indicate that wells were not shut-in with a pump-through-type tubing plug and at the surface with a closed master valve prior to moving drilling rigs and related equipment.

Issue a component (C) shut-in INC for the drilling rig moving operation if wells in the same well bay are not shut-in with a pump-through-type tubing plug and at the surface with a closed master valve if moving operations are in progress during the inspection.

INSPECTION FORM:

Enter one item checked for each well inspected.

D-121

IS THE MOVEMENT OF ALL DRILLING UNITS ON AND OFF LOCATION REPORTED TO THE DISTRICT SUPERVISOR 24 HOURS PRIOR TO THE MOVEMENT, INCLUDING THE RIG NAME, LEASE NUMBER, WELL NUMBER, AND THE EXPECTED TIME OF ARRIVAL OR DEPARTURE?

Authority: 403(a)
403(b)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that the Operator has properly notified the District Supervisor of:

1. Arrival of the MODU on location.
2. Movement of a platform rig to a platform.
3. Movement of a platform rig to another slot.
4. Movement of a MODU to another slot.
5. Departure of a MODU from the location.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the proper notification has not been given.

INSPECTION FORM:

Enter one item checked for each drilling unit inspected

ESD SYSTEM
(Last update – March 2003)

D-130 **IS AN OPERABLE ESD STATION LOCATED NEAR THE DRILLER’S CONSOLE ON PLATFORMS WHERE THERE ARE PRODUCING WELLS OR OTHER HYDROCARBON FLOW?**

Authority: 406(a)

Enforcement Action: C

Note: The offshore operator and contractor should be advised that the ESD station at the driller’s console should be tested when installed and subsequent to each rig skid.

INSPECTION PROCEDURE:

1. Verify that there is an ESD station near the driller’s console during drilling operations.
2. Verify operation of the ESD station by testing in accordance with Appendix 10.

IF NONCOMPLIANCE EXISTS:

Issue a component shut-in (C) INC for drilling operation when an ESD station:

1. Does not exist at the required location.
2. Does not operate properly.

INSPECTION FORM:

Enter one item checked for each location inspected. .

CASING PROGRAM
(Last update – March 2003)

D-150 **IS CASING SET AS APPROVED?**

Authority: 420

Enforcement Action: W

INSPECTION PROCEDURE:

Compare APD approved proposed casing setting depths to on-site records of actual casing setting depths for all strings of casing set.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC for each casing string not set as approved.

INSPECTION FORM:

Enter one item checked for each casing string inspected.

D-151 **IS ANY PORTION OF AN ANNULUS OPPOSITE A PERMAFROST ZONE WHICH IS NOT PROTECTED BY CEMENT OR FILLED WITH A LIQUID WHICH HAS A FREEZING POINT BELOW THE MINIMUM PERMAFROST TEMPERATURE TO PREVENT INTERNAL FREEZEBACK AND WHICH IS TREATED TO MINIMIZE CORROSION?**

Authority: 428(j)

Enforcement Action: W/S

INSPECTION PROCEDURE:

1. Check APD and drilling plan to identify permafrost zones and to verify that the annulus within permafrost zones are filled with cement or liquid whose freezing point is lower than the permafrost temperature and which is treated to minimize corrosion.
2. Witness permafrost zone cementing operations.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if operations have not yet resumed and records indicate that the fluid in the annulus does not have a freezing point lower than the temperature of the permafrost or if it is not treated to minimize corrosion.

Issue a rig shut-in (S) INC if operations are in progress and the fluid or cement in the annulus does not have a freezing point lower than the temperature of the permafrost or if it is not treated to minimize corrosion, if conditions permit.

INSPECTION FORM:

Enter one item checked per well inspected.

D-152

HAS A PRESSURE-INTEGRITY TEST BEEN RUN BELOW THE SURFACE CASING, THE INTERMEDIATE CASING(S), AND LINER(S) USED AS INTERMEDIATE CASING(S), AFTER DRILLING AT LEAST 10 FEET BUT NO MORE THAN 50 FEET OF NEW HOLE BELOW THE CASING SHOE?

Authority: 427

Enforcement Action: W/S

INSPECTION PROCEDURE:

Inspect on-site records from the previous inspection to the current inspection date to verify that pressure tests to obtain data to be used in estimating formation fracture gradients have been performed as required.

Note:

1. Pressure-integrity tests shall be conducted either by testing to formation leak-off or to a predetermined equivalent mud weight as specified in the APD.
2. The District Supervisor may require a pressure-integrity test to be run at the conductor casing shoe due to local geologic conditions or planned casing setting depths.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC for each formation fracture gradient test not otherwise performed as required.

Issue a rig shut-in (S) INC if formation fracture gradient tests have not been performed and the tests can still be conducted.

INSPECTION FORM:

Enter one item checked for each test inspected.

D-153

ARE DRILLING OPERATIONS SUSPENDED WHEN THE SAFE MARGIN, AS APPROVED IN THE APD, BETWEEN THE DRILLING FLUID WEIGHT IN USE AND THE EQUIVALENT DRILLING FLUID WEIGHT AT THE CASING SHOE, IS NOT MAINTAINED?

Authority: 427(b)

Enforcement Action: W/S

INSPECTION PROCEDURE:

Inspect the on-site records to determine if the drilling fluid weight is within a safe margin of the equivalent drilling fluid weight. A safe margin is to be approved by the District Supervisor.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if records indicate the safe margin has not been maintained.

Issue a rig shut-in (S) INC if, while present on the rig, the safe margin is not being maintained.

INSPECTION FORM:

Enter one item checked per drilling unit inspected.

D-154

ARE THE RESULTS OF ALL TESTS AND OF HOLE-BEHAVIOR OBSERVATIONS MADE DURING THE COURSE OF DRILLING RELATED TO FORMATION INTEGRITY AND PORE PRESSURE RECORDED IN THE DRILLER'S REPORT?

Authority: 427(a)

Enforcement Action: W

INSPECTION PROCEDURE:

Inspect records to verify that the results of all tests and of hole behavior observations are recorded.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if all tests are not recorded in the driller's report.

INSPECTION FORM:

Enter one item checked per drilling unit inspected.

D-155

IF THE HOLE FOR THE DRIVE OR STRUCTURAL CASING WAS DRILLED, WAS A QUANTITY OF CEMENT SUFFICIENT TO FILL THE ANNULAR SPACE BACK TO THE MUD LINE USED?

Authority: 421(a)

Enforcement Action: W

INSPECTION PROCEDURE:

Inspect records to verify that a sufficient quantity of cement was used to fill annular space back to mud line.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if records indicate that the quantity of cement was insufficient.

INSPECTION FORM:

Enter one item checked per well inspected.

D-156

IS CEMENT FILL IN THE ANNULAR SPACES OF THE CONDUCTOR CASING VERIFIED BY OBSERVING CEMENT RETURNS, OR IS AN ADDITIONAL QUANTITY OF CEMENT USED TO ENSURE THE SPACE IS FILLED BACK TO THE MUD LINE?

Authority: 421(b)

Enforcement Action: W/S

Note: The bottom of a glory hole or the surface of an artificial island are acceptable substitutes for the mud line.

INSPECTION PROCEDURE:

1. Check records to verify that cement returns were observed.
2. If possible, observe the cement returns.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if operations are not in progress and:

1. Records do not indicate that returns were observed at the mud line.
2. Sufficient quantities of cement were not used.

Issue a rig shut-in (S) INC if operations are in progress, cement returns were not observed, and an additional quantity of cement was not used to assure fill to the mud line.

INSPECTION FORM:

Enter one item checked per well inspected.

D-157

IS SURFACE CASING CEMENTED WITH A QUANTITY OF CEMENT THAT FILLS THE CALCULATED ANNULAR SPACE TO AT LEAST 200 FEET INSIDE THE CONDUCTOR CASING (OR AS OTHERWISE APPROVED BY THE DISTRICT SUPERVISOR)?

Authority: 421(c)

Enforcement Action: W/S

INSPECTION PROCEDURE:

1. Check records to verify that sufficient quantities of cement were used to fill the annular space to at least 200 feet inside the conductor casing.
2. When geologic conditions such as near-surface fractures and faulting exist, verify that surface casing is cemented with a quantity of cement that fills the calculated annular space to the mud line, or as approved or prescribed by the District Supervisor.
3. For floating drilling operations, a lesser volume of cement may be used to prevent sealing the annular space between the conductor casing and surface casing if the District Supervisor determines that the uncemented space is necessary to provide protection from burst and collapse pressures which may be applied inadvertently to the annulus between casings during blowout preventer (BOP) testing operations.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if insufficient quantities of cement were used and the casing shoe has been drilled out.

Issue a rig shut-in (S) INC if the shoe has not been drilled out and records indicate that insufficient quantities of cement were used to fill the annular space to at least 200 feet inside the conductor casing.

INSPECTION FORM:

Enter one item checked per well inspected.

D-158

HAVE THE SURFACE, INTERMEDIATE, AND PRODUCTION CASINGS BEEN PRESSURE TESTED TO 70 PERCENT OF THE MINIMUM INTERNAL YIELD PRESSURE OF THE CASING, AND HAS THE CONDUCTOR CASING BEEN TESTED TO A MINIMUM OF 200 PSI FOR 30 MINUTES, WITH NO MORE THAN 10 PERCENT PRESSURE DROP DURING THE TESTS, OR AS OTHERWISE APPROVED BY THE DISTRICT SUPERVISOR?

Authority: 423

Enforcement Action: W/S

INSPECTION PROCEDURE:

1. Inspect the on-site records from the previous inspection to the current inspection date to verify that proper casing pressure tests have been performed.
2. Verify remedial action taken if pressure declines more than 10 percent in 30 minutes or if there were other indications of leaks.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the Operator has performed a remedial test after drilling out the shoe.

Issue a rig shut-in (S) INC if the Operator has drilled out the shoe and not performed a test.

INSPECTION FORM:

Enter one item checked for each casing string inspected.

D-159

ARE ALL CASING AND LINER PRESSURE TESTS RECORDED ON A CHART CERTIFIED (SIGNED AND DATED) BY THE ONSITE REPRESENTATIVE WITH THE TIME, DATE, AND RESULTS?

Authority: 426

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that required pressure tests are recorded on a chart certified as correct.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC for each casing string pressure test, including liner tests, not recorded as required.

INSPECTION FORM:

Enter one item checked for each casing string inspected.

D-160

IS EACH PRODUCTION LINER (AND LINER-LAP) TESTED TO A MINIMUM OF 500 PSI ABOVE FORMATION FRACTURE PRESSURE AT THE SHOE OF THE CASING INTO WHICH THE LINER IS LAPPED (OR AS OTHERWISE APPROVED BY THE DISTRICT SUPERVISOR)?

Authority: 425(b)

Enforcement Action: W/S

INSPECTION PROCEDURE:

Inspect on-site records from the previous inspection to the current inspection date to verify that pressure tests have been performed on the production liners that are set. Verify by witnessing actual liner seal tests if performed during inspection.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC for previous liner seal test not performed or when proper tests cannot be conducted. Issue a rig shut-in (S) INC, if present when testing the liner lap, and the test was to less than 500 psi or was otherwise unacceptable.

INSPECTION FORM:

Enter one item checked for each test inspected.

D-161

IS THE DRILLING LINER (AND LINER LAP) TESTED TO A PRESSURE AT LEAST EQUAL TO THE ANTICIPATED PRESSURE TO WHICH IT WILL BE SUBJECTED DURING THE FORMATION PRESSURE INTEGRITY TEST BELOW THAT LINER SHOE OR SUBSEQUENT LINER SHOE IF SET?

Authority: 425(a)

Enforcement Action: W/S

425(c)

INSPECTION PROCEDURE:

1. Inspect on-site records from the previous inspection to the current inspection date to verify that pressure tests have been performed on the drilling liners that are set. Verify by witnessing actual liner seal tests if performed during inspection.
2. If the test indicated an improper seal, verify that remedial action was taken to provide a proper seal as demonstrated by a satisfactory pressure test.
3. Check records to determine whether or not the District Supervisor has approved or required other tests.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if drilling has not commenced and proper tests cannot be conducted.

Issue a rig shut-in (S) INC if further drilling has commenced and:

1. Liner seal test was not performed.
2. Remedial action has not been taken if seal is improper.

INSPECTION FORM:

Enter one item checked per test inspected.

D-163

HAS THE CASING BEEN PRESSURE-TESTED, CALIPERED, OR OTHERWISE EVALUATED EVERY 30 DAYS DURING PROLONGED OPERATIONS?

Authority: 424(a)
424(b)

Enforcement Action: W/S

DEFINITION:

Prolonged operations - Operations that may cause wear or damage to the casing such as milling, fishing, jarring, or washing over.

30 days - 30 working days. Downtime does not count toward the limit.

INSPECTION PROCEDURE:

Inspect records to determine if casing evaluations are being performed during prolonged operations.

Note: The following are required:

1. Caliper or pressure test the casing.
2. Reporting the results of the evaluation to the District Supervisor and obtaining approval of the results before resumption of operations.
3. If casing integrity has deteriorated to a level below minimum safety factors, has:
 - A. The casing been repaired or another casing string run.
 - B. Approval been obtained from the District Supervisor before repairs were begun.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if records indicate casing was not evaluated during a 30-day period of prolonged operations and a subsequent evaluation has been performed.

Issue a rig shut-in (S) INC if prolonged operations are in progress and 30 days have elapsed since the casing has been evaluated.

INSPECTION FORM:

Enter one item checked per casing inspected.

D-164

AFTER CEMENTING SURFACE, INTERMEDIATE, OR PRODUCTION CASING (OR LINERS), WAS THE CEMENT HELD UNDER PRESSURE FOR THE REQUIRED LENGTH OF TIME?

Authority: 422(a)

Enforcement Action: W

INSPECTION PROCEDURE:

Inspect on-site records of all strings of casing set from the previous inspection date to the current inspection date to verify waiting-on-cement (WOC) time. WOC time may be verified by computing the time interval from the time cement was placed to the time the casing shoe was drilled out. The following minimum requirements must be met:

1. Conductor 8 hours.
2. All others 12 hours.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC for each incident where WOC time failed to meet minimum requirements.

INSPECTION FORM:

Enter one item checked for each strings set and cemented.

D-165

WERE CEMENTING JOBS CONDUCTED AS DESIGNED SO THAT CEMENT COMPOSITION, PLACEMENT TECHNIQUES, AND WAIT TIMES ENSURE THAT THE CEMENT PLACED BEHIND THE BOTTOM 500 FEET OF CASING ATTAINS A MINIMUM COMPRESSIVE STRENGTH OF 500 PSI BEFORE DRILLING OUT OF THE CASING OR BEFORE COMMENCING COMPLETION OPERATIONS?

Authority: 420(c)

Enforcement Action: W

INSPECTION PROCEDURE:

Inspect on site records of all casing strings set from the previous inspection to the present to verify that cementing jobs were conducted as designed.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC for each incident where the cementing job was not conducted as designed.

INSPECTION FORM:

Enter one item checked for each casing string set and cemented.

D-171 **IF THE CASING SETTING DEPTHS ARE MORE THAN 100 FEET TVD FROM THE DEPTH APPROVED IN THE APD, HAS THE CHANGE BEEN APPROVED BY THE DISTRICT SUPERVISOR?**
Authority: 428(b) **Enforcement Action:** W/S
INSPECTION PROCEDURE:
Inspect on-site records to verify that casings are set as approved.
IF NONCOMPLIANCE EXISTS:
Issue a warning (W) INC if the casing was set deeper without approval.
Issue a rig shut-in (S) INC if drilling has continued deeper than approved.
INSPECTION FORM:
Enter one for each item checked.

D-172 **WERE REMEDIAL ACTIONS, APPROVED BY THE DISTRICT SUPERVISOR, TAKEN IF THERE WERE INDICATIONS OF AN INADEQUATE CEMENTING JOB?**
Authority: 428(c) **Enforcement Action:** W
428(d)
Note: Methods to determine an inadequate cementing job are:
1. Pressure test the casing shoe.
2. Run a temperature survey.
3. Run a cement bond log.
4. Use a combination of these techniques.
INSPECTION PROCEDURE:
Inspect on-site records to verify that an adequate remedy was utilized.
IF NONCOMPLIANCE EXISTS:
Issue a warning (W) INC if an inadequate remedy was utilized.
INSPECTION FORM:
Enter one for each item checked.

D-173 **WAS REMEDIAL ACTION TAKEN IF THE PRIMARY CEMENT JOB DID NOT ISOLATE ABNORMAL PRESSURE INTERVALS?**
Authority: 428(e) **Enforcement Action:** W
INSPECTION PROCEDURE:
Inspect on-site records to verify that proper remedial action was taken.
IF NONCOMPLIANCE EXISTS:
Issue a warning (W) INC if the proper remedial action was not taken.
INSPECTION FORM:
Enter one for each item checked.

D-174 **ARE AT LEAST TWO CEMENTED CASING STRINGS IN THE WELL PRIOR TO PRODUCING THE WELL?**
Authority: 428(f) **Enforcement Action:** W
Note: Does not include liners.
INSPECTION PROCEDURE:
Inspect on-site records to verify that at least two casing strings are set and cemented.
IF NONCOMPLIANCE EXISTS:
Issue a warning (W) INC if there are not at least two casing strings set prior to producing.
INSPECTION FORM:
Enter one for each string cemented.

D-175 **IS CEMENT THAT SETS BEFORE IT FREEZES, AND THAT HAS A LOW HEAT OF HYDRATION, USED TO CEMENT ACROSS A PERMAFROST ZONE?**
Authority: 428(i) **Enforcement Action:** W
INSPECTION PROCEDURE:
Inspect on-site records to verify that the proper cement was utilized.
IF NONCOMPLIANCE EXISTS:
Issue a warning (W) INC if the proper cement was not utilized.
INSPECTION FORM:
Enter one for each item checked.

BOP SYSTEMS AND COMPONENTS

(Last update – March 2003)

- D-200** **DOES THE WORKING-PRESSURE RATING OF ALL BOP COMPONENTS EXCEED THE MASP TO WHICH THEY MAY BE SUBJECTED?**
Authority: 440 **Enforcement Action: S**
INSPECTION PROCEDURE:
Check APD and approved plans for verification of MASP and working pressure components of BOP systems.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) if the working pressure rating of BOP components does not exceed the MASP to which the components are subjected, with the exclusion of the annular preventer.
INSPECTION FORM:
Enter one item checked per drilling unit.
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- D-201** **DOES THE ACCUMULATOR SYSTEM PROVIDE SUFFICIENT CAPACITY TO SUPPLY 1.5 TIMES THE VOLUME OF FLUID NECESSARY TO CLOSE AND HOLD CLOSED ALL BOP SYSTEM COMPONENTS WITH A MINIMUM PRESSURE OF 200 PSI ABOVE THE PRECHARGE PRESSURE WITHOUT ASSISTANCE FROM A CHARGING SYSTEM?**
Authority: 441(c) **Enforcement Action: S**
INSPECTION PROCEDURE:
1. Verify that the BOP actuating system which is installed is in compliance with that which has been approved.
2. Witness the proper automatic operation of the charging system.
3. Check the system for leaks.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC when an operable accumulator system of sufficient capacity is not installed.
INSPECTION FORM:
Enter one item checked for each system inspected.
-
- D-202** **HAVE ACCUMULATOR REGULATORS, SUPPLIED BY RIG AIR AND WITHOUT A SECONDARY SOURCE OF PNEUMATIC SUPPLY, BEEN EQUIPPED WITH MANUAL OVERRIDES OR OTHER DEVICES PROVIDED TO ENSURE CAPABILITY OF HYDRAULIC OPERATIONS IF RIG AIR IS LOST?**
Authority: 441(c) **Enforcement Action: S**
INSPECTION PROCEDURE:
Visually check to see if the accumulator unit is equipped with a fail safe pneumatically operated regulator or a manually operated regulator to ensure uninterrupted functional capability.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC if:
1. A manual override is not installed on the air operated regulator, or
2. The regulator is not equipped with a secondary source of air.
INSPECTION FORM:
Enter one item checked for each accumulator regulator inspected.
-
- D-203** **IS AN AUTOMATIC BACKUP ACCUMULATOR-CHARGING SYSTEM, SUPPLIED BY A POWER SOURCE INDEPENDENT FROM THE POWER SOURCE TO THE PRIMARY ACCUMULATOR-CHARGING SYSTEM, AND POSSESSING SUFFICIENT CAPABILITY TO CLOSE ALL BOP COMPONENTS AND HOLD THEM CLOSED, PROVIDED?**
Authority: 443(a) **Enforcement Action: S**
INSPECTION PROCEDURE:
1. Verify that the backup system is supplied by an independent power source.
2. Witness operation of the accumulator backup system and verify that the backup system automatically charges the accumulators.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC when an operable automatic accumulator back-up system is not installed.
INSPECTION FORM:
Enter one item checked per drilling unit.

D-204 **IS AT LEAST ONE OPERABLE REMOTE BOP CONTROL STATION, IN ADDITION TO THE ONE ON THE DRILLING FLOOR, PROVIDED IN A READILY ACCESSIBLE LOCATION AWAY FROM THE DRILLING FLOOR?**
Authority: 443(b) **Enforcement Action:** S
INSPECTION PROCEDURE:
1. Verify that a readily accessible remote BOP control station is installed.
2. Witness the operation of the remote station, or inspect control panel gauge for presence of operating control pressure.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC when an operable remote BOP control station is not installed.
INSPECTION FORM:
Enter one item checked for each station inspected.

D-205 **IS A DRILLING SPOOL WITH SIDE OUTLETS PROVIDED IF SIDE OUTLETS ARE NOT PROVIDED IN THE BODY OF THE BOP STACK TO PROVIDE FOR SEPARATE KILL AND CHOKE LINES?**
Authority: 443(c) **Enforcement Action:** S
INSPECTION PROCEDURE:
Visually confirm that side outlets are provided for separate choke and kill lines.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC when separate choke and kill line outlets and lines are not installed.
INSPECTION FORM:
Enter one item checked per drilling unit.

D-207 **IS EACH CHOKE AND KILL LINE EQUIPPED WITH TWO FULL OPENING VALVES, WITH AT LEAST ONE REMOTE CONTROLLED VALVE FOR SURFACE AND ALL REMOTE CONTROLLED VALVES FOR SUBSEA?**
Authority: 443(d) **Enforcement Action:** S
INSPECTION PROCEDURE:
1. Visually inspect the choke and kill lines to determine if they are each equipped with at least one remotely-controlled valve.
2. Exception for the kill line (surface systems only), a check valve may be installed on the kill line in lieu of the remotely-controlled valve, provided two readily accessible manual valves are in place and the check valve is placed between the manual valves and the pump.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC if the choke and kill lines are not each equipped with at least one remotely-controlled valve or as excepted above.
INSPECTION FORM:
Enter one item checked for each line inspected.

D-208 **IS A FILL-UP LINE INSTALLED ABOVE THE UPPERMOST BOP?**
Authority: 443(e) **Enforcement Action:** S
INSPECTION PROCEDURE:
Verify that the fill-up line is installed above the uppermost BOP. Kill lines are not acceptable as fill-up lines.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC when a fill-up line has not been installed above the uppermost BOP.
INSPECTION FORM:
Enter one item checked per drilling unit.

D-214 **IS A FULL-OPENING KELLY VALVE INSTALLED BELOW THE SWIVEL (UPPER KELLY VALVE)?**

Authority: 445(a)
445(h)

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that the upper kelly valve is installed and operable.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when an operable upper kelly valve has not been installed.

INSPECTION FORM:

Enter one item checked for each drilling unit inspected.

D-215 **IS A FULL-OPENING, STRIPPABLE, KELLY VALVE INSTALLED AT THE BOTTOM OF THE KELLY (LOWER KELLY VALVE)?**

Authority: 445(b)
445(h)

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that the lower kelly valve is installed and operable.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when an operable lower kelly valve has not been installed.

INSPECTION FORM:

Enter one item checked for each drilling unit inspected.

D-216 **WITH A MUD MOTOR IN SERVICE AND WHILE USING DRILL PIPE IN LIEU OF A KELLY, IS ONE KELLY VALVE LOCATED ABOVE AND ONE STRIPPABLE KELLY VALVE LOCATED BELOW THE JOINT OF DRILL PIPE EMPLOYED IN LIEU OF A KELLY?**

Authority: 445(c)

Enforcement Action: S

INSPECTION PROCEDURE:

Visually check to confirm that both an upper and lower kelly valve are installed.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if either kelly valve is not installed.

INSPECTION FORM:

Enter one item checked for each kelly valve inspected.

D-217 **ON A TOP-DRIVE SYSTEM EQUIPPED WITH A REMOTE-CONTROLLED VALVE, IS A STRIPPABLE KELLY VALVE INSTALLED BELOW THE REMOTE-CONTROLLED VALVE?**

Authority: 445(d)

Enforcement Action: S

INSPECTION PROCEDURE:

Visually check to confirm that both the upper remote-controlled and the lower kelly valves are installed on a top drive system.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if both kelly valves are not installed.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-218 **IS A WRENCH TO FIT EACH MANUALLY-OPERABLE VALVE READILY ACCESSIBLE TO THE DRILLING CREW?**

Authority: 445(i)

Enforcement Action: S

INSPECTION PROCEDURE:

1. Verify that a wrench to fit each manually-operable valve in use is readily accessible to the drilling crew.
2. Wrenches shall be available for upper and lower kelly valves, and all drill-string safety valves maintained to fit the drill-string connections.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when required wrenches are not readily accessible to the drilling crew.

INSPECTION FORM:

Enter one item checked for each valve inspected.

D-223 **IS THE CHOKE LINE INSTALLED ON THE BOP STACK ABOVE THE BOTTOM RAM?**
Authority: 443(d)(1) **Enforcement Action:** S
INSPECTION PROCEDURE:
Verify that the choke line is installed above the bottom ram.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC when the choke line is not installed above the bottom ram.
INSPECTION FORM:
Enter one item checked for each choke line installed.

D-224 **IS THE KILL LINE INSTALLED ON THE BOP STACK?**
Authority: 443(d) **Enforcement Action:** S
INSPECTION PROCEDURE:
Verify that the kill line is installed.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC when the kill line is not installed.
INSPECTION FORM:
Enter one item checked for each kill line installed.

D-225 **IF A BOP CONTROL STATION OR POD DOES NOT FUNCTION PROPERLY, ARE DRILLING OPERATIONS SUSPENDED UNTIL THAT STATION OR POD IS OPERABLE?**
Authority: 451(d) **Enforcement Action:** W/S
INSPECTION PROCEDURE:
Verify that the BOP control station or pod function properly.
IF NONCOMPLIANCE EXISTS:
Issue a warning (W) INC if drilling operations were not suspended when the station or pod malfunctioned, but was subsequently functional.
Issue a rig shut-in (S) INC when drilling operations are in progress with a station or pod malfunctioning.
INSPECTION FORM:
Enter one item checked for each station or pod installed.

SURFACE BOP SYSTEM
(Last update - March 2003)

D-231 **IF A REMOTE-CONTROLLED VALVE IS NOT INSTALLED IN THE KILL LINE, ARE BOTH MANUAL VALVES READILY ACCESSIBLE AND IS THE CHECK VALVE INSTALLED BETWEEN THE MANUAL VALVES AND THE PUMP?**
Authority: 443(d)(3) **Enforcement Action:** S
Note: Surface BOP systems only.
INSPECTION PROCEDURE:
If a check valve is used in lieu of a remote-controlled valve in the kill line, visually confirm that:
1. Two readily accessible manual valves are in place, and
2. The check valve is placed between the two manual valves and the pump.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC if:
1. The two manual valves are not in place, or
2. The check valve is not placed between the outer manual valve and the pump.
INSPECTION FORM:
Enter one item checked for each line inspected.

D-232 **PRIOR TO DRILLING BELOW SURFACE CASING, IS A BOP SYSTEM INSTALLED CONSISTING OF AT LEAST FOUR REMOTE-CONTROLLED, HYDRAULICALLY-OPERATED BOP'S INCLUDING AT LEAST TWO EQUIPPED WITH PIPE RAMS, ONE WITH BLIND OR BLIND-SHEAR RAMS, AND ONE ANNULAR TYPE?**
Authority: 441(a) **Enforcement Action:** S
INSPECTION PROCEDURE:
If surface casing has been set, verify that the required BOP system has been installed.
IF NONCOMPLIANCE EXISTS:
Issue a rig shut-in (S) INC when the required BOP system has not been installed.
INSPECTION FORM:
Enter one item checked for each system inspected.

SUBSEA BOP SYSTEMS

(Last update - February 2004)

D-240 **PRIOR TO DRILLING BELOW SURFACE CASING WITH A SUBSEA STACK, ARE THERE AT LEAST FOUR REMOTE-CONTROLLED, HYDRAULICALLY-OPERATED BOP'S, INCLUDING AT LEAST TWO EQUIPPED WITH PIPE RAMS, ONE WITH BLIND-SHEAR RAMS, AND ONE ANNULAR TYPE?**

Authority: 442(a)
442(b)

Enforcement Action: S

INSPECTION PROCEDURE:

If surface casing has been set, verify that the required BOP system has been installed.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when a required, approved, and operable BOP system is not installed.

INSPECTION FORM:

Enter one item checked for each system inspected.

D-241 **IS THE ACCUMULATOR CLOSING SYSTEM, TO PROVIDE FAST CLOSURE OF THE BOP COMPONENTS AND TO OPERATE ALL CRITICAL FUNCTIONS IN CASE OF A LOSS OF THE POWER FLUID CONNECTION TO THE SURFACE, INSTALLED IN ACCORDANCE WITH API RP 53?**

Authority: 198
442(c)

Enforcement Action: C

INSPECTION PROCEDURE:

1. Verify that the BOP stack is equipped with accumulator bottles.
2. Verify that the BOP Rams close with in 45 seconds.
3. Verify that the Annular BOPS close with in 60 seconds.
4. Verify that the operating response time for the choke and kill valves (either open or closed) does not exceed the minimum observed BOP Ram close response time.

IF NONCOMPLIANCE EXISTS:

Issue a component shut-in (C) INC if the accumulator closing system cannot operate the specified equipment within the specified time.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-242 **DOES THE BOP SYSTEM INCLUDE OPERABLE DUAL-POD CONTROL SYSTEMS TO ENSURE PROPER AND INDEPENDENT OPERATION?**

Authority: 442(d)

Enforcement Action: S

INSPECTION PROCEDURE:

1. Verify that a dual pod control system has been installed as follows:
 - A. Two completely redundant control pods.
 - B. Each pod contains all necessary valves and regulators to operate the BOP stack functions.
2. Conditions permitting, witness a function test of each pod to verify proper actuation.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when an operable dual pod control system has not been installed.

INSPECTION FORM:

Enter one item checked for each pod inspected.

D-243 **DO THE RECORDS INDICATE THAT THE GLORY HOLE IS AT THE APPROVED DEPTH TO ENSURE THAT THE TOP OF THE STACK IS BELOW THE DEEPEST PROBABLE ICE-SCOUR DEPTH?**

Authority: 451(h)

Enforcement Action: S

INSPECTION PROCEDURE:

Check records to ensure that the glory hole is at the approved depth.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if the glory hole has not been excavated to the approved depth.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-258 ARE AFFECTED BOP COMPONENTS PRESSURE TESTED FOLLOWING DISCONNECTION OR REPAIR OF ANY WELL-PRESSURE CONTAINMENT SEAL IN THE WELLHEAD OR BOP STACK ASSEMBLY?

Authority: 449(g)

Enforcement Action: W/S

INSPECTION PROCEDURE:

Verify that if repairs required disconnection of pressure seals, tests on affected equipment were conducted.

Note: Driller's report notation is acceptable test confirmation.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC where drilling operations commenced without conducting tests on the seals but subsequent BOP tests were conducted.

Issue a rig shut-in (S) INC when pressure seal tests were not conducted following repairs.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-259 ARE THE BOP SYSTEMS VISUALLY INSPECTED EACH DAY FOR SURFACE STACKS OR AT LEAST ONCE EVERY 3 DAYS FOR SUBSEA STACKS?

Authority: 446(b)

Enforcement Action: W

450

Note:

1. Daily inspections do not apply to casing risers.
2. Weather and sea conditions are allowable reasons for not inspecting subsea BOP systems and marine risers at least once every 3 days.

INSPECTION PROCEDURE:

Verify that the BOP systems and marine risers have been visually inspected by checking the driller's report.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when the operator cannot verify that the BOP system is visually inspected as required.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-260 ARE THE TIME, DATE, AND RESULTS OF ALL PRESSURE TESTS, ACTUATIONS, AND INSPECTIONS OF THE BOP SYSTEM, SYSTEM COMPONENTS, AND MARINE RISERS RECORDED IN THE DRILLER'S REPORT?

Authority: 450

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that required tests, actuations, and inspections have been properly recorded in the driller's report.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when a required test is not properly recorded.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-261 ARE BOP TEST PRESSURES RECORDED ON A PRESSURE CHART OR DIGITAL RECORDER?

Authority: 448(d)

Enforcement Action: W

450(a)

INSPECTION PROCEDURE:

Verify that the BOP test pressures have been recorded on a pressure chart or digital recorder.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the BOP test pressures have not been recorded on a pressure chart or digital recorder.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-266 **ARE ANY PROBLEMS OR IRREGULARITIES OBSERVED DURING BOP SYSTEM TESTING IDENTIFIED AND THE ACTIONS TAKEN TO REMEDY SUCH PROBLEMS OR IRREGULARITIES RECORDED?**

Authority: 450(c)
450(e)

Enforcement Action: W

INSPECTION PROCEDURE:

Check the driller's report or referenced document to verify that problems or irregularities observed during BOP system testing and actions taken to remedy such problems or irregularities are recorded.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if problems or irregularities observed during the testing of BOP system and actions taken to remedy such problems or irregularities are not recorded in the driller's report or referenced documents.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-267 **ARE ALL RECORDS INCLUDING PRESSURE CHARTS, DRILLER'S REPORT, AND REFERENCED DOCUMENTS OF BOP TESTS, ACTUATIONS, AND INSPECTIONS AVAILABLE AT THE FACILITY FOR THE DURATION OF THE DRILLING ACTIVITY?**

Authority: 450(c)
450(f)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that all records including pressure charts, driller's report, and referenced documents of BOP tests, actuation, and inspections are available at the facility for the duration of the drilling activity.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if all records of BOP tests, actuation, and inspections including pressure charts, driller's report, and referenced documents are not available at the facility for the duration of the drilling activity.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-268 **ARE ALL RECORDS RELATING TO CASING AND LINER PRESSURE TESTS, DIVERTER TESTS, AND BOP TESTS RETAINED FOR A PERIOD OF TWO YEARS AFTER COMPLETION OF THE DRILLING OPERATIONS?**

Authority: 467(b)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that all such records are available.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the records are not available.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-269 **ARE BLIND OR BLIND-SHEAR RAMS TESTED DURING A STUMP TEST AND AT ALL CASING POINTS WITHOUT EXCEEDING 30 DAYS BETWEEN TESTS?**

Authority: 449(d)
449(e)

Enforcement Action: W/S

INSPECTION PROCEDURE:

Verify test records and charts indicate that test was performed.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the test was not performed when required, but a subsequent test was performed.
Issue a rig shut-in (S) INC if the test was not performed when required, nor was a subsequent test performed.

INSPECTION FORM:

Enter one item checked per drilling unit.

SURFACE BOP TESTS

(Last update - March 2003)

D-270

ARE BOP SYSTEMS PRESSURE TESTED WHEN INSTALLED?

Authority: 447(a)

Enforcement Action: W/S

DEFINITION:

BOP system and auxiliary equipment - See Appendix 23

INSPECTION PROCEDURE:

1. Verify that required tests were performed when BOP system and auxiliary equipment were installed.
2. If inspection is being performed when initial testing of BOP's and auxiliary equipment is in progress, witness the tests.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when drilling operations have commenced without the initial tests and subsequent tests have been performed.

Issue a rig shut-in (S) INC when installation has been accomplished, the initial tests have not been performed, drilling operations have commenced, and a subsequent test has not been performed.

INSPECTION FORM:

Enter one item checked for each system inspected.

D-271

IS THE SURFACE BOP SYSTEM PRESSURE TESTED WITH WATER?

Authority: 449(a)

Enforcement Action: W/S

INSPECTION PROCEDURE:

1. Verify that the BOP system was tested with water.
2. Witness BOP system testing if present.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if BOP system was not tested with water, but a subsequent test with water was performed.

Issue a rig shut-in (S) INC if BOP was tested with a fluid other than water.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-272

IS THE ANNULAR-TYPE BOP PRESSURE TESTED WITH WATER TO 70 PERCENT OF ITS RATED WORKING PRESSURE?

Authority: 448(c)

Enforcement Action: W/S

449(a)

INSPECTION PROCEDURE:

1. Determine rated working pressure of BOP's and minimum internal yield pressure of casing.
2. Verify that pressure tests have been performed on annular-type BOP's at 70 percent of rated working pressure or as otherwise approved in the APD.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when records indicate that previous test(s) did not meet minimum requirements but were later met by subsequent tests.

Issue a rig shut-in (S) INC when the annular-type BOP's have not been tested as required.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-273 **ARE SURFACE BOP SYSTEMS PRESSURE TESTS BEGUN BEFORE 14 DAYS HAVE ELAPSED SINCE THE LAST BOP PRESSURE TEST WAS COMPLETED, ALTERNATING BETWEEN CONTROL STATIONS?**

Authority: 447(b)
449(c)

Enforcement Action: W/S

DEFINITION:

BOP system and auxiliary equipment - See Appendix 23

Note: A 14-day pressure test is not required for blind and blind shear rams.

INSPECTION PROCEDURE:

1. Inspect driller's report to verify that tests were begun before 14 days had elapsed since the last BOP pressure test was completed.
2. All control stations must be functional. Operations permitting, witness proper operation of stations.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when records indicate that tests other than most recent tests exceeded the 14-day interval requirement without acceptable explanation in driller's report.

Issue a rig shut-in (S) INC when date of most recent tests exceeds 14 days or if a control station is inoperable.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-274 **ARE THE BONNET SEALS TESTED BEFORE RUNNING THE CASING WHEN CASING RAMS ARE INSTALLED IN THE BOP STACK?**

Authority: 451(f)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that the bonnet seals were tested.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if bonnet seals were not tested.

INSPECTION FORM:

Enter one item checked for each casing ram installed.

SUBSEA BOP TESTS
(Last update - March 2003)

D-281 **ARE SUBSEA BOP SYSTEM COMPONENTS STUMP PRESSURE TESTED AT THE SURFACE WITH WATER TO THEIR RATED WORKING PRESSURE?**

Authority: 449(b)

Enforcement Action: W/S

INSPECTION PROCEDURE:

1. Verify that required tests were performed prior to installation.
2. If inspection is being performed when stump tests are being conducted, witness the tests as conditions and time permit.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the BOP was not stump tested prior to commencing drilling operations.

Issue a rig shut-in (S) INC when installation of the BOP stack on the seafloor has commenced, drilling operations have not begun, and the BOP has not been stump tested.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-282 **ARE SUBSEA ANNULAR-TYPE BOP'S STUMP PRESSURE TESTED AT THE SURFACE WITH WATER TO 70 PERCENT OF THEIR RATED WORKING PRESSURE OR TO THE PRESSURE IN THE APPROVED APD?**

Authority: 448(c)
449(b)

Enforcement Action: W/S

INSPECTION PROCEDURE:

1. Verify that required tests were performed prior to installation.

2. If inspection is being performed when stump tests are being conducted, witness the tests as conditions and time permit.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the BOP was not stump tested prior to commencing drilling operations.

Issue a rig shut-in (S) INC when installation of the BOP stack on the seafloor has commenced, drilling operations have not begun, and the BOP has not been stump tested.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-283

WAS THE SUBSEA BOP STACK PRESSURE TESTED AFTER INSTALLATION?

Authority: 447(a)
448(c)

Enforcement Action: W/S

Note: Annular tested to 70 percent of the rated working pressure or to the pressure in the approved APD.

INSPECTION PROCEDURE:

1. Verify that required tests were performed.
2. If inspection is being performed when initial testing of BOP stack is in progress, witness the tests.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when drilling operations commenced prior to required test but subsequent tests have been performed.

Issue a rig shut-in (S) INC when installation has been accomplished, the initial tests have not been performed, drilling operations have commenced, and subsequent tests have not been performed.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-285

ARE BOP SYSTEMS PRESSURE TESTING BEGUN BEFORE 14 DAYS HAVE ELAPSED SINCE THE LAST BOP TEST, ALTERNATING BETWEEN CONTROL STATIONS AND PODS?

Authority: 447(b)
449(c)

Enforcement Action: W/S

DEFINITION:

BOP system and auxiliary equipment - See Appendix 23

INSPECTION PROCEDURE:

1. Verify that required tests were begun before 14 days between tests is exceeded, alternating between control stations and pods.
2. All control stations and pods shall be functional. Conditions permitting, witness operation of stations.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when records indicate tests other than most recent test exceeded the 14-day interval requirement without acceptable explanation in driller's report.

Issue a rig shut-in (S) INC when:

1. Date of most recent test exceeds 14 days and acceptable explanation is not entered in driller's report.
2. Either control station or pod is inspected and found to be inoperable.

INSPECTION FORM:

Enter one item checked for each system inspected.

WELL-CONTROL DRILLS

(Last update - March 2003)

D-290

ARE WELL-CONTROL DRILLS CONDUCTED FOR EACH DRILLING CREW AND RECORDED IN THE DRILLER'S REPORT?

Authority: 462
462(c)

Enforcement Action: W

Note:

1. Well-control drills conducted:
 - A. Must be designed to acquaint each crew member with his function during a well-control operation so that each member can perform his/her assignment promptly and efficiently.
 - B. Must be performed at least once each week (well conditions permitting) with each crew.
 - C. Must include on-bottom, drilling, tripping, and diverter drills.
 - D. Refer to Appendix 22 for details of the contents of drilling and tripping drills.
2. After consulting with the Company Representative, MMS representative may require the Operator to conduct a well control drill.

INSPECTION PROCEDURE:

Verify that each crew has performed a well-control drill.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when well control drills have not been conducted as required.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-291 IS A COPY OF THE COMPLETE WELL-CONTROL DRILL PLAN POSTED ON THE RIG FLOOR OR BULLETIN BOARD?

Authority: 462(a)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that a complete well-control plan has been posted on the rig floor and/or bulletin board.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when plan is not posted.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-292 ARE DRILLS CONDUCTED IN ACCORDANCE WITH THE WELL-CONTROL DRILL PLAN?

Authority: 462

Enforcement Action: W

462(a)

462(b)

DEFINITION:

Well-control drill plan - A document that is posted on the rig floor and/or bulletin board that is applicable to the particular site, and is prepared for each crew member outlining the assignments each is to fulfill during the drill, establishing a prescribed time for the completion of each member's portion of the drill.

INSPECTION PROCEDURE:

1. If a drill is performed during an inspection, observe the drill to verify that drill crew members carry out their assignments according to the well-control plan for the site.
2. Verify the time required for the crew to complete the drill is in accordance with the established time prescribed in the well-control plan.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when observed well control drills are not conducted according to the well-control plan.

INSPECTION FORM:

Enter one item checked per drilling unit.

DIVERTER SYSTEMS

(Last update - March 2003)

D-300 WHEN DRILLING A CONDUCTOR OR SURFACE HOLE, IS THE DRILLING UNIT EQUIPPED WITH A DIVERTER SYSTEM CONSISTING OF A DIVERTER SEALING ELEMENT, DIVERTER LINES, AND CONTROL SYSTEMS?

Authority: 430

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that the drilling unit is equipped with a diverter system consisting of a sealing element, diverter lines, and control systems.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if drilling unit is not equipped with diverter and related equipment.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-301 IS THE DIVERTER SYSTEM EQUIPPED WITH FULL OPENING REMOTE-CONTROLLED VALVES IN THE FLOW AND VENT LINES THAT CAN BE OPERATED FROM AT LEAST ONE REMOTE-CONTROL STATION IN ADDITION TO THE ONE ON THE DRILLING FLOOR?

Authority: 431(c)

Enforcement Action: S

431(d)

INSPECTION PROCEDURE:

1. Inspect flow and vent lines for remotely-controlled valves.
2. Inspect flow and vent lines to ensure that manual or butterfly valves are not installed in any part of the diverter system.
3. Inspect for a remote-control station in addition to the one on the drill floor.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if flow and vent lines do not have remotely-controlled valves that can be operated from a remote station.

INSPECTION FORM:

Enter one item checked for each system inspected.

D-302

ARE THE DIVERTER SEALING ELEMENT, DIVERTER VALVES, AND DIVERTER-CONTROL SYSTEMS, INCLUDING THE REMOTE-CONTROL SYSTEM, ACTUATION-TESTED AND THE VENT LINES FLOW TESTED WHEN INSTALLED?

Authority: 433

Enforcement Action: W

INSPECTION PROCEDURE:

Inspect records to confirm that all diverter equipment is actuation-tested when initially installed.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if records indicate that equipment has not been actuation-tested.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-305

ARE ALL RIGHT-ANGLE AND SHARP TURNS IN THE DIVERTER LINES TARGETED?

Authority: 431(e)

Enforcement Action: S

DEFINITION:

Targeted - The building-up or reinforcing of a right-angle or sharp turn in a line where the fluid or solids in a fluid are likely to erode the upstream side of the turn.

INSPECTION PROCEDURE:

Verify that all right angle and sharp turns are targeted and surface diverter configurations do not have more than one right-angle turn per diverter spool outlet.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if lines are not targeted and more than one right-angle turn per diverter spool outlet exists.

INSPECTION FORM:

Enter one item checked for each system inspected.

D-306

DOES FLEXIBLE HOSE USED FOR DIVERTER LINES HAVE INTEGRAL END COUPLINGS?

Authority: 432(a)

Enforcement Action: S

INSPECTION PROCEDURE:

1. Verify that flexible hose has integral end couplings.
2. Verify that the use of flexible hose for diverter lines is addressed in the approved APD.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if:

1. Flexible hose is not equipped with integral end couplings.
2. Use of flexible hose was not approved by the District Supervisor.

INSPECTION FORM:

Enter one item checked for each hose inspected.

D-307

IS THE ENTIRE DIVERTER SYSTEM ANCHORED AND SUPPORTED TO PREVENT WHIPPING AND VIBRATION?

Authority: 431(f)

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that the diverter system is secured.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if the diverter system is capable of vibration or whipping.

INSPECTION FORM:

Enter one item checked per drilling unit.

Enter one item checked per drilling unit.

D-314 IS THE CONTROL STATION USED DURING THE DIVERTER TEST OR ACTUATION IDENTIFIED?

Authority: 434(c)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify which control station was used.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the records do not indicate which control station was used.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-315 ARE PROBLEMS OR IRREGULARITIES OBSERVED DURING DIVERTER TESTING OR ACTUATION, AND THE REMEDIES RECORDED IN THE DRILLER'S REPORT?

Authority: 434(d)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that problems, irregularities, and remedies are recorded.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if problems, irregularities, or remedies are not recorded.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-316 ARE PRESSURE CHARTS AND REPORTS PERTAINING TO THE DIVERTER TEST AND ACTUATIONS RETAINED AT THE RIG FOR THE DURATION OF DRILLING THE WELL?

Authority: 434(e)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that charts and reports are kept on the rig for the duration of drilling the well.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if charts and reports are not kept on the rig.

INSPECTION FORM:

Enter one item checked per drilling unit.

SURFACE DIVERTER SYSTEMS

(Last update - March 2003)

D-322 IS THE SPOOL OUTLET AND DIVERTER LINE NOMINAL DIAMETER AT LEAST 10 INCHES FOR SURFACE WELLHEAD CONFIGURATIONS AND AT LEAST 12 INCHES FOR FLOATING DRILLING OPERATIONS?

Authority: 431(a)

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that the spool outlet and diverter line nominal diameter is properly sized.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if the nominal diameter of the spool outlet and diverter line is not properly sized.

INSPECTION FORM:

Enter one item checked for each spool outlet and each diverter line inspected.

D-324 ARE BOTH OUTLETS PIPED TO PROVIDE DOWNWIND DIVERSION CAPABILITY, IF DUAL SPOOL OUTLETS ARE UTILIZED?

Authority: 431(b)

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that spool outlets are piped to provide downwind diversion.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if both outlets are not piped to provide downwind diversion.

INSPECTION FORM:

Enter one item checked for each outlet inspected.

ARE DIVERTER SEALING ELEMENTS AND DIVERTER VALVES PRESSURE TESTED TO A MINIMUM OF 200 PSI WHEN NIPPLED UP ON CONDUCTOR CASING, WITH NO MORE THAN 7 DAYS ELAPSED TIME BETWEEN SUBSEQUENT TESTS?

Authority: 433(a)

Enforcement Action: W/S

Note: Pressure test not required on subsea diverter systems.

INSPECTION PROCEDURE:

Verify that diverter sealing elements and diverter valves are pressure tested to a minimum of 200 psi with no more than 7 days between tests.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if records indicate the following and the diverter is no longer installed:

1. Diverter sealing elements and diverter valves were not pressure-tested to a minimum of 200 psi when nipped up on conductor casing.
2. More than 7 days have elapsed between any subsequent test.

Issue a rig shut-in (S) INC if the diverter is installed and has not been tested or more than 7 days has elapsed between subsequent test.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-402 HAS THE NUMBER OF STANDS OF DRILL PIPE AND DRILL COLLARS THAT MAY BE PULLED PRIOR TO FILLING THE HOLE AND HAS THE EQUIVALENT DRILLING FLUID VOLUME NEEDED TO FILL THE HOLE BEEN CALCULATED AND HAVE BOTH BEEN POSTED NEAR THE DRILLER'S STATION?

Authority: 456(c)

Enforcement Action: W

INSPECTION PROCEDURE:

1. Verify the fill-up volume.
2. Verify that fill-up volume equivalents, for the drill pipe and drill collars in use, are posted in the drill floor area.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when these volumes are not posted near the driller's station.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-403 FOR EACH CASING STRING, IS THE MAXIMUM PRESSURE TO BE CONTAINED UNDER THE BOP STACK CALCULATED AND POSTED NEAR THE DRILLER'S STATION?

Authority: 456(f)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that the maximum pressure to be contained is posted.

Note: As a minimum, the following two pressures must be posted:

1. The surface pressure at which the shoe would break down.
2. The lesser of the BOP's rated working pressure or 70 percent of casing-burst pressure (or casing test otherwise approved by the District Supervisor).
3. The format of a sample calculation of the maximum pressure to protect the formation at the casing shoe is shown in Appendix 23.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the required pressure is not properly posted.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-404 IN AREAS WHERE PERMAFROST AND/OR HYDRATE ZONES MAY BE PRESENT OR ARE KNOWN TO BE PRESENT, ARE DRILLING FLUID TEMPERATURES CONTROLLED?

Authority: 456(j)

Enforcement Action: W

INSPECTION PROCEDURE:

1. Verify that drilling fluid temperatures have been controlled by checking daily drilling fluid reports.
2. Inspect APD and drilling plan for consistency.
3. Inspect daily drilling reports.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if drilling fluid temperatures have not been controlled.

INSPECTION FORM:

Enter one item checked per drilling fluid.

D-405 IS AN OPERABLE DRILLING FLUID-GAS SEPARATOR AND OPERABLE DEGASSER INSTALLED PRIOR TO COMMENCEMENT OF DRILLING OPERATIONS AND MAINTAINED THROUGHOUT THE DRILLING OF THE WELL?

Authority: 456(g)

Enforcement Action: S

INSPECTION PROCEDURE:

Verify the installation of an operable drilling fluid-gas separator and an operable degasser.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when an operable drilling fluid-gas separator and/or an operable degasser are not installed.

INSPECTION FORM:

Enter one item checked for each device inspected.

Issue a rig shut-in (S) INC when a drilling fluid-volume measuring device (i.e., trip tank or stroke counter) is not installed and operational.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-412 ARE DRILLING FLUID-RETURN INDICATOR DEVICES, WHICH INDICATE THE RELATIONSHIP BETWEEN DRILLING FLUID-RETURN FLOW RATE AND PUMP DISCHARGE RATE, INSTALLED WITH VISUAL AND AUDIBLE WARNING ALARMS?

Authority: 457(c)

Enforcement Action: S

INSPECTION PROCEDURE:

1. Verify the installation of the drilling fluid-return indicator.
2. Witness the operation of the indicator by actuation of the drilling fluid-return sensing device.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when a drilling fluid-return indicator is not installed and operational.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-413 IS OPERABLE GAS-DETECTING EQUIPMENT INSTALLED TO MONITOR DRILLING FLUID RETURNS, WITH THE REQUIRED TYPE OF INDICATORS LOCATED ON THE RIG FLOOR OR IN A CONTINUOUSLY MANNED DRILLING FLUID-LOGGING UNIT HAVING IMMEDIATE COMMUNICATION WITH THE RIG FLOOR?

Authority: 457(d)

Enforcement Action: S

Note: A gas detector indicator, located on the rig floor only, must have an audible alarm.

INSPECTION PROCEDURE:

1. Verify the installation of a gas detection system.
2. Witness operation of the gas detection system by application of gas sample to the sensing head(s).

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC when an operable gas detection system is not installed as required.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-414 ARE MINIMUM QUANTITIES OF DRILLING FLUID AND DRILLING FLUID MATERIALS, INCLUDING WEIGHT MATERIALS, MAINTAINED AT THE DRILL SITE AS NECESSARY TO ENSURE WELL CONTROL AND, IF NOT, ARE DRILLING OPERATIONS SUSPENDED?

Authority: 418(b)

Enforcement Action: W/S

458(a)

458(c)

INSPECTION PROCEDURE:

1. Compare APD approved quantities to records of actual quantities maintained to assure compliance.
2. Verify the quantity of drilling fluid material on-site.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if records indicate that drilling operations were conducted previously without at least the minimum quantities of drilling fluid materials maintained on-site.

Issue a rig shut-in (S) INC if records inspection or visual inspection indicate that minimum quantities of drilling fluid materials are not available on-site at the time of the inspection.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-415 ARE RECORDS OF DAILY INVENTORIES OF DRILLING FLUID AND DRILLING FLUID MATERIALS MAINTAINED AT THE WELL SITE?

Authority: 458(b)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that inventories were recorded daily in the drilling fluid engineer's report.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if inventories are not recorded.

INSPECTION FORM:

Enter one item checked per drilling unit.

INSPECTION PROCEDURE:

Physically shutdown the ventilation system to verify that the alarm is activated.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if an alarm is not activated when ventilation system fails or is shut down.

INSPECTION FORM:

Enter one item checked for each area inspected.

D-429

ARE GAS DETECTION SYSTEMS TESTED FOR OPERATION AND RECALIBRATED AT A FREQUENCY SUCH THAT NO MORE THAN 90 DAYS SHALL ELAPSE BETWEEN TESTS?

Authority: 459(b)

Enforcement Action: W/S

INSPECTION PROCEDURE:

1. Witness the testing of the gas detection systems.
2. Verify that gas detection systems have been tested and calibrated at the required intervals.

IF NONCOMPLIANCE EXISTS:

1. Issue a warning (W) INC if:
 - A. The gas detection system has not been tested and calibrated within the required interval but subsequent testing and calibrating has been performed
 - B. Tests have not been recorded in driller's report.
2. Issue a rig shut-in (S) INC if gas detection system has not been tested and calibrated.

INSPECTION FORM:

Enter one item checked for each system inspected.

SECURING OF WELLS

(Last update - March 2003)

D-440

IS A DOWNHOLE SAFETY DEVICE, SUCH AS A CEMENT PLUG, BRIDGE PLUG, OR PACKER, INSTALLED WHEN DRILLING OPERATIONS ARE INTERRUPTED?

Authority: 402

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that a downhole safety device was installed when drilling operations were interrupted.

Note:

1. A downhole safety device such as a cement plug, bridge plug, or packer must be timely installed when drilling operations are interrupted by events such as those which force evacuation of the drilling crew, prevent station keeping, or require repairs to major drilling or well-control equipment.
2. In floating drilling operations, the use of blind-shear rams or pipe rams and an inside BOP may be approved by the District Supervisor in lieu of the above requirements if supported by special circumstances and/or the lack of sufficient time.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if records indicate that a downhole safety device was not installed when drilling operations were interrupted.

INSPECTION FORM:

Enter one item checked for each system inspected.

SUPERVISION, SURVEILLANCE, AND TRAINING

(Last update - January 2004)

D-450

FROM THE BEGINNING OF DRILLING OPERATIONS UNTIL THE WELL IS COMPLETED OR ABANDONED, IS THE WELL CONTINUOUSLY UNDER SURVEILLANCE UNLESS THE WELL IS SECURED WITH BOP'S, BRIDGE PLUGS, PACKERS, OR CEMENT PLUGS?

Authority: 401(c)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that the rig floor is not left unmanned during an inspection unless the wells are secured with a BOP, bridge plug, packers, or cement plugs.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC when rig floor is not manned and the wells are not secured as required.

INSPECTION FORM:

Enter one item checked per well.

D-453

DOES THE OPERATOR HAVE A PERSON ONSITE DURING DRILLING OPERATIONS THAT REPRESENT THEIR INTEREST AND CAN FULFILL THEIR RESPONSIBILITY?

Authority: 401(b)

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that the operator has a representative on site.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if no operator representative is on site.

INSPECTION FORM:

Enter one item checked per drilling unit.

APPLICATIONS FOR PERMIT TO DRILL

(Last update - March 2003)

D-460 DOES THE LESSEE HAVE WRITTEN APPROVAL TO DRILL A WELL OR BEFORE HE SIDETRACKS, BYPASSES, OR DEEPENS A WELL?

Authority: 410

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that approval was received.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if drilling approval has not been received.

INSPECTION FORM:

Enter one item checked per well.

D-461 DOES THE LESSEE HAVE WRITTEN OR ORAL APPROVAL TO REVISE A DRILLING PLAN, MAKE CHANGES IN MAJOR DRILLING EQUIPMENT OR PLUG BACK A WELL?

Authority: 465(a)(1)

Enforcement Action: S

INSPECTION PROCEDURE:

Verify that any changes from the approved plans have been received and approved by the District Supervisor.

IF NONCOMPLIANCE EXISTS:

Issue a rig shut-in (S) INC if the records indicate that approval has not been received for any changes from the approved plans.

INSPECTION FORM:

Enter one item checked per well.

D-462 IF A MODU IS PLANNED TO BE USED, IS THE MODU AVAILABLE FOR INSPECTION BY THE DISTRICT SUPERVISOR BEFORE COMMENCING OPERATIONS?

Authority: 417(f)

Enforcement Action: W

INSPECTION PROCEDURE:

Verify that the District Supervisor was notified and that the MODU was available for inspection.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the MODU was not made available for inspection.

INSPECTION FORM:

Enter one item checked per drilling unit.

D-463 IS THE DISTRICT SUPERVISOR GIVEN AT LEAST 24 HOURS NOTICE BEFORE STARTING A WELL TEST?

Authority: 460(b)

Enforcement Action: W

Note: For a well test to be conducted, it must be included in the APD (form MMS-123) or in the APM (form MMS-124).

INSPECTION PROCEDURE:

Verify that the District Supervisor was notified as required.

IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if the District Supervisor was not notified as required.

INSPECTION FORM:

Enter one item checked per drilling unit.
