| job# 60007666     |   | MARY FEDERAL<br>Procedure by |     |    | 09/11/92 |  |
|-------------------|---|------------------------------|-----|----|----------|--|
| Covers Surf. Shoe | 0                                       |                              | 150 | 50 | С        |  |
|                   | *************************************** |                              |     |    |          |  |

- NOTE: Mud left between plugs should be mud laden fluid with a minimum weight of 9.5 ppg and a minimum viscosity of 36.
- Pull test rig anchors according to Operations Bulletin No. 52 (dated 1/25/88) prior to rigging up WSU. Replace anchors as necessary. File results in field files.
- 2. Check the pressures on all casing annuli. Report annular pressures found to the Exxon supervisor and discuss appropriate and safe blowdown procedures. Attempt to bleed annulus pressures to zero. For pressures that will not bleed to zero, first review with the field superintendent then inform the subsurface engineer. Document all annular pressure activity on morning report.
- 3. Kill well if necessary. RU WSU. NU class III BOP and test according to EUSA guidelines.
- Unset packer and POH w∕ Baker Lok-Set Packer and 2-7/8" production tubing.
- 5. RIH w/ workstring to top of bridge plug and cement at 10,465. Spot the following balanced cement plug from 10,465 to 9,850 using 93 sx cement. This volume assumes a 30% loss to the open perforations. This plug will cover the Strawn zone. Be sure and open the 2-7/8" X 5-1/2" annulus before pumping cement.

| Plug | Set:<br>Dep <sup>-</sup><br>Top' | th<br>Bottom' | Type Plug* | Tagged<br>(yes∕no) |
|------|----------------------------------|---------------|------------|--------------------|
|      | 9850                             | <u>10465</u>  | CEMENT     | YES                |

Cement:

Volume of Cement <u>93</u> (sacks) Cement Class\* <u>APICLSH</u> API CLASS H temp pkr or Retainer Depth <u>----</u> (ft) Type of Job\* <u>P&A</u> P&A

- 6. After pumping cement slurry SD pumps and PUH w/ workstring to 9670. Reverse circulate to clear the tubing from any remaining cement. Allow cement to set and tag cement top with workstring. Note top of cement on morning report. If cement top is below 10,218', bring cement top to 10,218. Circulate mud laden fluid to surface.
- 7. PUH w/ workstring to 8542' and pump the following balanced plug to

10-11-330

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