SOUTH MATTIX UNIT # 8 RECOMPLETION

RECOMMENDED PROCEDURE

1. MIRU Pulling unit. POH with rods and pump. NU BOPE and POH with tubing Scoping while POH.

2. PU bit and scraper and RIH to approximately 9650 feet. POH with bit and scraper.

3. RU wireline unit. RIH and set CIBP at approximately 9600 feet. Dump bail 35 feet of cement on top of BP.

4. RIH with tbg and retrievable packer pressure testing while RIH and circulate well to 2 % KCl. Set packer at a depth of approximately 8100 feet. Pressure test backside.

5. RU perforating company and shoot squeeze holes at a depth of approximately 8400 feet. Attempt to establish communication up the 7 inch by 5-inch casing annulus. Circulate the annular area clean. Release packer and POH with tubing and packer.

6. RU wireline unit and RIH with cement retainer and set at approximately 8350 feet. RIH with stinger assembly and tubing and stab into retainer. Establish circulation and cement 7 inch by 5-inch annulus with sufficient cement to bring the top of cement to approximately 4000 feet. Pull out of retainer and reverse circulate clean. POH with tubing and stinger assembly. WOC.

7. RU wireline unit and run CBL log from PBD to above top of cement. RIH with casing gun and perforate the Fusselman Formation at the following depths:
   8274-8294 feet 2 jspf
   8236-8246 feet 2 jspf
   8214-8222 feet 2 jspf
   8200-8206 feet 2 jspf
   All perforations were picked off Microlog

8. RIH with tubing and packer to a depth of approximately 8150 feet and set packer. RU swab equipment and swab or flow test well. Based upon Test will probably acidize well with 5000 Gal of 15 % HCL with ball sealers.

9. If test looks commercial complete well in Fusselman. If not commercial proceed to step 10.

10. POH with tubing and packer.

11. RU wireline unit and RIH with CIBP and set at approximately 8150 feet. Dump bail approximately 35 feet of cement on top of BP. RIH with casing gun and perforate the following intervals in the Silurian Formation:
    7590-7610 feet 2jspf
    7566-7580 feet 2jspf
    All perforations were picked off Microlog