1300 sx Class "C" w/2% GEL, 14.1 PPG, 1.51 FT^3/SK followed by 500 sx Class "C" w/2% $CACL_2$, 14.8 PPG, 1.32 FT^3/SK.

EQUIPMENT REQUIRED:

- Float Shoe (1)
- Float Collar (1)
- S-3 Centralizer (3)
- Ez-Lok Clamp (1)
- Weld-a-Kit (2)

INTERMEDIATE CASING

Hole (Bit) Size:	8-3/4"
Csg Size:	7-5/8"
Approx Setting Depth:	12,000'
Est BHT:	175°F
Rate, BPM:	8-10
WOC Time:	24 Hrs
Test Pressure:	EMD 14.5 PPG - 30 Mins

Use caliper from open hole logs to calculate cmt volume plus 40% excess. BTM stage of cmt should be calculated to extend from csg shoe back to a depth of 7200'.

BTM Stage: _____ sx Class "H" w/0.6% HALAD-9, 1/4 LB/SK flocele, 15.6 PPG, 1.18 FT^3/SK, 2-1/2 to 3 hrs pumping time.

WOC 8 to 10 hrs on BTM stage of cmt. Run temperature survey to determine indicated TOC. Continue NU next csg spool. Attempt to establish a pumping rate and pressure between the 9-5/8" X 7-5/8" csg strings. If successful, cmt down the backside using a volume of cmt calculated to fill from surf to the indicated TOC from the BTM stage. WOC 8 to 10 hrs and run temperature survey to determine cmt'd interval.

Top Stage: _____ sx Class "C" w/2% GEL, 1/4 LB/SK flocele, 14.1 PPG, 1.51 FT^3/SK.

EQUIPMENT REQ'D:

- DJ Float Shoe (1)
- Float Collar (1)
- Weld-a-Kit (2)

PRODUCTION LINER

Hole (Bit) Size:	6-1/2"
Csg Size:	5"
Approx Setting Depth:	15,600'
Approx Liner Top:	11,700'
Est BHT:	240°F
Rate, BPM:	6-8 Hrs
WOC Time:	24 Hrs
Test Pressure:	2500 PSIG