## Federal "LDY" Deep Com. #10 Page 2

#### B. CEMENTING PROGRAM:

Surface casing: 450 sx "C" + 2% CACL2 (Yld 1.32 Wt.15.6)

Intermediate: 500 sx Lite (Yld 2.0 Wt. 12.2); Tail in w/200 sx "C" + 2% CACL2 (Yld 1.32 Wt 15.6)

Production: TOC = 4700' 650 sx Super "C" modified (Yld 1.63 Wt. 13.0).

Mud Program and Auxiliary Equipment:

<u>Interval</u>	nterval Type		<u>Viscosity</u>	<u>Fluid Loss</u>	
0-350'	FW/Air Mist	8.4	28	N/C	
350'-1200'	FW/Air Mist	8.4	28	N/C	
1200'-7500'	Cut Brine	8.6-9.0	28	N/C	
7500'- TD	Salt Gel/Starch	9.0-9.5	30-34	<10	

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

## 6. EVALUATION PROGRAM:

Samples:10 samples ot from under surface casing.Logging:CNL/LDT, DLL - w/RXD - TD to casing.Coring:None anticipated.DST's:As warranted.

# 7. Abnormal Conditions, Bottom hole pressure and potential hazards:

Anticipated BHP:

From:	0	TO:	350	Anticipated Max. BHP:	175	PSI
From:	350	TO:	1200	Anticipated Max. BHP:	600	PSI
From:	1200	TO:	8500	Anticipated Max. BHP:	4200	PSI

No abnormal pressures or temperatures are anticipated.

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None.

#### 8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 20 days to drill the well with completion taking another 15 days.