

PERRY R. BASS
 BIG EDDY UNIT #40
 PROPOSED DRILLING AND COMPLETION PROCEDURE

Intermediate Casing: 13 3/4" hole is to be drilled below the surface casing to an anticipated depth of 3350' (in top of Delaware) using a saturated salt fluid. Casing setting is anticipated as follows:

NO. JTS	DESCRIPTION	THDS OFF LENGTH	FROM	TO
--	Rotary correction	15	0	15
65	10 3/4" OD 45.50#/ft K-55 buttress	2585	15	2600
15	10 3/4" OD 45.50#/ft K-55 buttress	600	2600	3200
3	10 3/4" OD 45.50#/ft K-55 buttress	106	3200	3306
--	Float collar	2	3306	3308
1	10 3/4" OD 45.50#/ft K-55 buttress	40	3308	3348
--	Float shoe *	2	3348	3350

* The float shoe is to be equipped with lateral exits for cement as it is intended to rest part of the csg weight on bottom.

The bottom three (3) joints are to be welded and sealed with HOWCO-Weld. Positive type centralizers are to be recommended; one set on each of the bottom three (3) jts. API modified thread lubricant is to be used on the casing threads.

Prior to running the 10 3/4" csg, a caliper survey is to be run to determine actual cement volume required.

Assuming a single stage cement job, the 10 3/4" OD csg is to be cemented to the surface using a sufficient volume of Halliburton "light" containing 5# of Gilsonite & 1/2# of Flocele/sx, followed by 300 sx class "C" containing 1/2# of Flocele/sx & 2% CaCl₂. Slurry weight will be 9.9 PPG for the light & 14.8 PPG for the class "C" cement. Yield will be 1.91 cubic ft/sx for "light" & 1.32 cf/sx for the class "C" cement. A caliper survey will be run to aid in calculating cement volume. The U.S.G.S. will be notified prior to running Intermediate casing.