CULEBRA #4

C A S I N G D E S I G N A U D I T

SEGMENT NO.	GRADE	JOINT	WEIGHT	TOP FT-----	BOTTOM FT-----	LENGTH FT-----	COST $------
1	S95	L	53.5	10955.	11260.	305.	7766.
2	S95	L	47.0	8065.	10955.	2890.	64642.
3	S95	L	43.5	80.	8065.	7985.	158125.
4	S95	L	53.5	0.	80.	80.	2037.

TOTAL CASING COST = $ 232568.

SEGMENT NO.	MFG.	CUM. WEIGHT LB-----	DRIFT, INCHES	I.D. INCHES	COLLAPSE FACTOR	BURST FACTOR	TENSION FACTOR
1	SMITH	16318.	8.38	8.53	1.221	1.943	75.686
2	SMITH	152148.	8.52	8.68	1.000	1.743	6.321
3	SMITH	499495.	8.60	8.75	1.003	2.423	1.922
4	SMITH	503775.	8.38	8.53	69.423	94.100	2.451

MAXIMUM BIT SIZE CONSIDERING DRIFT = 8.38

CASING SIZE, IN.	9.62	CASING JOINT LENGTH, FT.	30.
MINIMUM SEGMENT LENGTH,FT.	35.	COLLAPSE DESIGN FACTOR	1.000
CASING DEPTH, FT.	11260.	BURST DESIGN FACTOR	1.000
MUD WEIGHT, LB/GAL.(EX)	12.40	TENSION DESIGN FACTOR	1.600
MUD WEIGHT, LB/GAL.(IN)	10.50	FORMATION PRESSURE, PSI	4842.

DATE : 04/03/79
TIME : 13:11CST