

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	S80	S	72.0	5050.	6300.	1250.	34305.
2	S80	S	68.0	3450.	5050.	1600.	41269.
3	S80	S	61.0	0.	3450.	3450.	75634.

TOTAL CASING COST = \$ 151208.

SEGMENT NO.	MFG.	CUM. WEIGHT LB.	DRIFT, INCHES	I.D. INCHES	COLLAPSE FACTOR	BURST FACTOR	TENSION FACTOR
1	SMITH	90000.	12.19	12.35	0.781	0.627	10.867
2	SMITH	198800.	12.26	12.41	0.769	0.657	4.557
3	SMITH	409250.	12.36	12.51	0.745	0.699	1.950

MAXIMUM BIT SIZE CONSIDERING DRIFT = 12.19

CASING SIZE, IN.	13.37	CASING JOINT LENGTH, FT.	30.
MINIMUM SEGMENT LENGTH, FT.	500.	COLLAPSE DESIGN FACTOR	1.000
CASING DEPTH, FT.	6300.	BURST DESIGN FACTOR	1.000
MUD WEIGHT, LB/GAL. (EX)	13.50	TENSION DESIGN FACTOR	1.800
MUD WEIGHT, LB/GAL. (IN)	10.00	FORMATION PRESSURE, PSI	5900.

DATE : 04/17/79
TIME : 14:02CST