STATE "K" #12, #11
CASING DIAGRAM

Depth | Casing Size

HL in air: 36 M lbs
HL in 9.0 ppg mud: 31.2M lbs
HL w/ Cmt to shoe: 49.4 M lbs
HL w/ Cmt in place: 6.7 M lbs
80% Burst rating: 2140 psi
Max press allow w/ CTS: 1990 psi
Min press to bump plug: 450 psi
CHAIN DOWN CASING

8 5/8" 24# USS-50 STC Casing @1480'

ID: 8.097" Drift: 7.972" Conn OD: 9.625"
Bit Size: 11.0"
Burst : 2680psi Coll: 1330psi JS: 243M psi BY: 347M psi
MU Torque: Max: 3030 ft-lbs
Min: 1830 ft-lbs
Opt: 2430 ft-lbs

1490'

Wellhead
11" 3M psi X 8 5/8", SOW, w/ 2-2" LPO's

HL in air: 130.6 M lbs
HL in 10.4 ppg mud: 110.5 M lbs
HL w/ Cmt to shoe: 130 M lbs
HL w/ Cmt in place: 63.3 M lbs
80% Burst rating: 3504 psi
Max press allow w/ CTS: 800 psi
Min press to bump plug: 110 psi

5 1/2" 17# K55 LTC Casing @ 0-2000'

ID: 4.892" Drift: 4.767" Conn OD: 6.050"
Bit Size: 7 7/8"
Burst : 5320 psi Coll: 4910psi JS: 272M psi BY: 273M psi
MU Torque: Max: 3400 ft-lbs
Min: 2040 ft-lbs
Opt: 2720 ft-lbs

5 1/2" 15.5# USS-50 LTC Casing @ 2000-7300'

ID: 4.950" Drift: 4.4.825" Conn OD: 6.050"
Bit Size: 7 7/8"
Burst : 4380 psi Coll: 3810 psi JS: 205M psi BY: 225M psi
MU Torque: Max: 2560 ft-lbs
Min: 1540 ft-lbs
Opt: 2050 ft-lbs

8150' ~~7200'~~

5 1/2" 17# L80 LTC Casing @ 7300-8150'

ID: 4.892" Drift: 4.767" Conn OD: 6.050"
Bit Size: 7 7/8"
Burst : 7740 psi Coll: 6280 psi JS: 348M psi BY: 397M psi
MU Torque: Max: 4350 ft-lbs
Min: 2610 ft-lbs
Opt: 3480 ft-lbs

Wellhead
11" 3M PSI X 7 1/16 3M W/ 2-2 1/16 5M FPO's