Ludwig 22-1

API: 05-123-23845

WINS: 77303

Existing		Planned
		Welded Cap
TOC 12	25 SX	
		80 CIBP
		430 TOC in 8-5/8"
btm sfcsg & BOC 631		
	270 SX	
FH mrkr 1,074		
		1,180 cut csg
		1,280 stub plug
TOC 3,200		
	30 SX	4,330 TOC in 4-1/2"
SX top 4,536		
SH btm 4,648		4,730 BOC
Shannon is Absent		
		6,730 TOC in 4-1/2"
	30 SX	
		7,090 CIBP
NB top 7,136		
NB perfs 7149 - 7310		
NB btm		
CD top		
CD Perfs 7432 - 7447		
CD btm		
btm pdcn csg 7,581		
BOC 7,596		

Surface Csg:	8-5/8"
Production Csg:	4-1/2"

Existing Cement
New Cement
SX
SH
NB
CD
JS
Fox Hills
Mud