



Current

Spud:

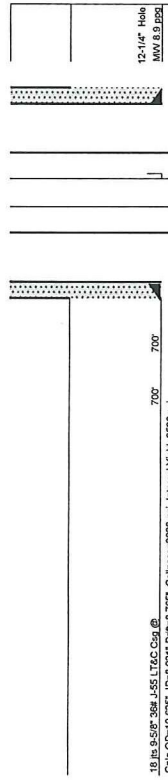
Field: Waldron West
 County: Harper
 State: Kansas
 Well: Lake 1-21H
 Location: SEC 21, TWP 34S, RGE 6W
 KB: 1323
 GL: 1301

Wellbore Schematic

1507-721-74701
 API No.

Original Completion	
Current	
Proposed	X

Well Bore Data



18 in 9.50" 384 J-55 L16C Csg @ 700' 700'
 Cpg OD=10.625", ID=8.921" Drift=3.785", Collapse=2020 psi, Internal Yield=320 psi
 Cmt'd w/ 250 sas Econocom @ 12.4 ppg (Yield=2.12), followed by
 100 sas Sid @ 15.6 ppg (Yield=1.2).

KB	Length	Bottom
J5 2-7/8" 6.5# J-55 Bld EUE	0.0	0.0
GLV #7	0.0	0.0
J5 2-7/8" 6.5# J-55 Bld EUE	0.0	0.0
GLV #6	0.0	0.0
J5 2-7/8" 6.5# J-55 Bld EUE	0.0	0.0
GLV #5	0.0	0.0
J5 2-7/8" 6.5# J-55 Bld EUE	0.0	0.0
GLV #4	0.0	0.0
J5 2-7/8" 6.5# J-55 Bld EUE	0.0	0.0
GLV #3	0.0	0.0
J5 2-7/8" 6.5# J-55 Bld EUE	0.0	0.0
GLV #2	0.0	0.0
J5 2-7/8" 6.5# J-55 Bld EUE	0.0	0.0
GLV #1	0.0	0.0
J5 2-7/8" 6.5# J-55 Bld EUE	0.0	0.0
WIEG	4.6260	4.6260

TOC behind 7' @	XX'	XX'
Top of Target	4.536'	4.447'
Bottom of Target	4.729'	4.564'
Top of Liner @ 48"	4.674'	4.529'
96 in 7" 20# N 80 L16C @	3.685'	3.685'
GLV #8	4.072'	4.072'
N80 Cpg OD=7.685", ID=6.184" Drift=6.058", Collapse=7020 psi, Internal Yield=810 psi	4.695'	4.695'
P-116 Cpg OD=7.685", ID=6.184" Drift=6.058", Collapse=8510 psi, Internal Yield=11200 psi		
Cmt'd w/ 245 sas Prem 5045 POC.H @ 13.6 ppg (Yield=1.54).		
PBTD @	8.695'	4.629'
111 in 4.125" 1.6# P-110 L16C @	9.629'	4.629'
Cmt'd w/ 307 lbs Econocom @ 12.4 ppg (Yield=2.12), followed by		
100 sas Sid @ 15.6 ppg (Yield=1.2).		
Cmt'd w/ 450 sas Prem 5045 POC.H @ 13.6 ppg (Yield=1.54).		

