

DF Elev = 4314'
Tbg WH = 14,000'
7" Gas WH = 15,279'

LEA STATE WFL (NCT-A) NO. 1
Install Leasing Capacity Pumping Equipment

13-3/8" Csg
@ 611'.
Cmt Circ.

9-5/8" 36#
Csg @
4174'. Cmt
Circ
2-3/8" OD EUE
4.70# J-55 Tbg
@ 9882' w/
bevelled cplgs
(approx 27 bot
cplgs N-80
bevelled &
turned down to
2.910"
SN @ 9828'
Wolfcamp
Perfs 9828-
40' & 9852-
62'

Baker Model
C-2 tbg recep-
tacle seal assy
@ 13,314'

7" OD 23# &
26# Csg set
@ 13,391' (DV
tool @ 11,419')

6-1/8" Open
Hole

2-3/8" OD EUE
4.70# N-80 Tbg
set @ 13,410'
(bull plugged)

Baker parallel
string anchor
set @ 9880' (w/
latching sub for
short string)

Baker Anchor tbg
seal assy @ 13,317'

Baker Model D pkr
@ 13,318'
Garrett CV @ 13,349'

Cmt'd w/1252 sk. Cmt
top @ 7600'
SN @ 13,379'
Top of Junk @ 13,369'

TD 13,420'

Lea State WFL (NCT-A) No. 1
Loc: 950' FNL 660' FEL Sec. 2-168-322, Lea Co.
Completed: 5-14-58 (dual)
IP: No "F" 135 bopd, no wtr, GOR 1614
Dev "F" 456 bopd, no wtr, GOR 656
Cum. Oil: No - 168,782 bbls thru 4-30-61
Dev - 309,723 bbls thru 4-30-61
Present Status: No "F" top air 161 bopd, tr
water
Dev "F" avg 30 bopd, approx
250-275 bopd (July)

RECOMMENDED PROCEDURE

1. If Devonian zone is pumping, pull 3/4" Kobe tbg, pump & retrieve SN. Close CV & test long string.
2. Kill Wolfcamp zone & displ hole w/no-bloc mud. Install control eqpt.
3. Release short string from Baker parallel string anchor & pull short tbg string.
4. Release long string from Model "C2" Recep seal assy, displ csg w/no-bloc mud & pull long tbg string.
5. Run gauge ring to 9800' to ck for packer clearance.
6. Run Baker converted Model "L" double grip snap-set triple pkr on 2-3/8" OD EUE 4.70# N-80 Wolfcamp tbg & w/Devonian tail pipe & recep. seal nipple screwed into offset bore in bot of pkr. Space out so that Model "L" pkr will set @ approx 9750' when tail pipe is landed in receptacle. Set pkr in compression w/Wolfcamp tbg string. Wolfcamp gas vent bore thru pkr is to be sealed off w/Baker expendable plug (Baker perf prod tube screwed into bot of pkr will serve as catcher for expendable plug whenever vent string is run in future). Ck Schematic Diagram for tbg & pkr arrangement. Press test all tbg as it is run in the hole (both strings).
7. Run a 3" x 1-3/4" x 1 1/2" x 1 1/2" Kobe tandem pump on 2-3/8" OD EUE J-55 tbg w/bevelled & special clearance cplgs as shown on Schematic Diagram (Run short sub between pump & snap-latch seal assy). Use standard pump hook-up w/blank-off plug & Garrett CV. Land tbg in compression & install head.
8. Pump down 2" power oil string to displ no-bloc mud above Model "L" pkr. Close CV, rupture blank-off plug & start up Kobe pump to clean up & stabilize well. Run GOR test to increase allowable, if necessary.
9. Swab in Wolfcamp zone, recover no-bloc mud, & allow well to clean up.
10. Run packer leakage test, then return both zones to production.
11. Remind Clerk to submit Form C-103 and sketch of actual subsurface tbg hook-up as required by FCC.