

# Diagrammatic Sketch of Proposed Dual Completion, LIZZIE HOWARD 115

Elevation: 3428 GL = 3445 KB

Spudded: 2-18-77

Init Compl: Atoka, 4-13-77

Dual Compl: Wolfcamp, 4-28-77

Top of San Andres - 705 KB

Base of Artesian Water - 996 KB

Top of Wolfcamp @ 5053 KB

Cottonwood Wolfcamp

IPF: 200 psi on  $\frac{1}{4}$ " Ck = 300 mcfpd

To Coramingle - Open Baker  
Model L Sliding Sleeve @ 5096'

Top of Cisco @ 6056 KB

Top of Canyon @ 6750 KB

Top of Atoka @ 7115

Undes Atoka

IPF: 70 psi on  $\frac{1}{2}$ " Ck = 425 mcfpd

Tubing Completion to Sales (Atoka)  
Casing Completion Shut-in (Wolfcamp)

17 $\frac{1}{2}$ " hole to 365' KB

13 $\frac{1}{8}$ " 48" J55 Csg set @ 365' KB, cement'd  
w/ 380 sx CI "C", circulated.

12 $\frac{1}{4}$ " hole to 1165'

8 $\frac{5}{8}$ " 24" J55 Csg set @ 1165' KB, cement'd  
w/ 1225 sx CI "C", circulated.

Top of cement @ 4300'

Blast joints on 2 $\frac{3}{8}$ " tbg opposite perforations.  
Seating Nipple or Profile and Sliding Sleeve (Closed)

Perf: 5055-5072

Trtd: 2000g. 15% DS-30, 8 bpm @ 5500', ISDP-1550"  
Sd Frac'd 210000" Sd in 80000g. treated water.

DV Tool @ 5399' KB, cement'd w/ 350 sx  
CI H

Top of primary cement @

2 $\frac{3}{8}$ " 4.7" J55 tbg on Guiberson UNI-VI Pks  
set at 7121' KB w/ On/Off Tool and Profile.

Perf: 7178-7184 w/ 24 0.34" holes

Trtd: SF 13500" 20/40 in 6000g. 3% MSA-CO<sub>2</sub>

PBTD: 7367' KB

4 $\frac{1}{2}$ " 10.5" 11.6" K-55 set @ 7404' KB, cement'd  
w/ 250 sx CI H

TD: 7407' DL = 7410' Bmag

9-29-78