



# DRILLING COMPANY, INC.

## WICHITA, KANSAS

### PROPOSED WELLBORE CONFIGURATION

Run rods & pump inside 2-7/8" liner to produce well.

8 5/8" Surface Csg, set @ 451'  
Cemented to surface w/300 sx

Perfed & Squeezed at 1600'  
Cemented to Surface w/225 sx

Casing tested good above 2023' (550 psig)

DV Tool @ 2706' cmt. w/ 225 sks.  
Spotty cement bond up to 1750'

Multiple casing leaks in 4-1/2" csg between 2023' and 3950'.  
Estimated Top of Cement at 3950'

4272'-4278' Perf & produce the Lansing.

Run 2-7/8" liner to 4360' & cmt to surface w/150 sks. Run CBL to verify cement.

CIBP set at 4368'

Tbg plug set at 4390' - Tbg cut off at 4375'

Packer in hole at ~4400'

Marmaton Perfs at 4478'-4482'

4 1/2" Production Csg, set @ 4595'  
Cemented w/150 sx EA-2

7-7/8" hole drilled to 5433'

Date:	9/5/2014
Well Name:	APC-Charlotte #2-3
Location:	2390' FNL & 718' FEL Section 3-T16S-R45W
County:	Cheyenne
State:	Colorado
API:	05-061-06730-00
Spud Date:	7/2/1996
Hole Size	12 1/4"
Surface Casing:	Set @ 451' (8 5/8")
Cemented with:	300 sx
Production Csg:	Set @ 4595' (4 1/2")
Cemented with:	150 sx EA-2
RTD:	5433'