

P&A procedure for the Gabriel 3406 1-23H

1. MIRU.
2. Pull tubing and bottom hole assembly. (NA)
3. Set 7" cast iron bridge plug at ~ 4900' (Top perf @4963')
4. Perform MIT.
5. Spot xx amount of sacks of cement on top of cast iron bridge plug.
6. Reverse hole clean with freshwater. Circulate with plugging mud. POOH.
7. Pull stretch on 7" casing, determine freepoint and cut casing at collar above freepoint.
8. TIH with workstring and SN and spot the following cement plugs:
 - A. XX sacks at xxx depth
 - B. Xx sacks at xxx depth
 - C. Xx sacks at xxx depth
9. Cut casing 4' below the surface. Weld top plate on top of surface casing with weephole.
10. Clean and restore location.



Field Gerberding
 County Harper
 State KS
 Well GABRIEL 3305 1-36H
 SH Location SEC 36, TWP 33S, RNG 31W
 Elevations 1267' NB; 1251' GL

Wellbore Schematic

15-077-21979
 API No.

Current

Well Bore Data MD TVD

13.1% 9.516" 36# 1.56 csg @ 550'
 36# J-56; CPB OD = 10.025" ID=8.927" Drift=8.795" Collapse= 2020 Internal Yield=3520
 Conct w/ 150 sgs Hal Lin @ 12.4 HPG (Yield=2.1), followed by 150 sgs
 SH @ 15.6 HPG (Yield=1.2)

12-1/4" Hole
 MW: 9.2293

TOC T @
 2093.4394
 calculated
 484.3 total #13
 6.652 compression
 3221.5584 linear ft of cont coverage behind 7"
 9.346" Hole
 MW: 8.9393

lead	tail
170 sgs	190 sgs
1.53 yield	1.19 yield

5.787" Hole
 MW: Clear water
 TD: 926' MD: 4597' TVD

Target from 4532 to 5164
 Top of Liner 66.2' Inclination
 Baker S-3 Liner Top Packer w/ 25# Anchor Profile and 6" Extension (Min ID: 3.87")

1.26 lb 7" 29# P.110 99# @ 5.295'
 29# P.110 CPB OD = 7.665" ID=6.226" Drift=6.151" Collapse= 6210 Internal Yield=9960
 Conct w/ 170 sgs TOC 5090 mixed at 13.6 HPG (Yield= 1.50), followed by 150 sgs Class A @ 15.6 (Yield=1.18), FR
 SH @ 90.1'

PBTD @ 9.254' 4.597'

98.1# 4.1/2" 11.6# N-80 55# @ 9.264' 4.597'
 11.6# N-80 CPB OD = 5.007" ID=4.007" Drift=3.875" Collapse= 6330 Internal Yield=7790
 Liner w/ P-Sleeve, 10 open hole packers and S-3 Liner top.

Completion ()
 Current X
 Workover
 Proposed

cut: 11/11/2013