



FRAM OPERATING LLC

Kelley 23-2
NENW Sec 23, T2S, R2E
Mesa County, Colorado

ELEVATION
R.B. 5541'
G.L. 5535'
KB 6'
BHT 110 °
Spud date: 05/25/05
API No. 05-077-08884

Lat: 38.97439
Long: 108.34174

Surf. Shoe plug:
Top @ 275' [4-1/2" and annulus]
Btm @ 405' [4-1/2" and annulus]
Plug length: 130'
Vol: 10 sx

Calculated top of cmt @ 800'

Plug over hole:
Top @ 655'
Btm @ 850'
Plug length: 195'
Vol: 15 sx

Production Shoe plug:

Top @ 1,810'
Btm @ 2,006'
Plug length: 195'
Vol: 15 sx

Not to scale

Prepared By: Garrett Elsener
Date: 9/27/2012

Surface plug:
Total of 10 sx in 4-1/2" and annulus
Bottom of plug at 60', returns to surface

Conductor: 8' 7 sks cmt.

9 3/4" Hole
SURFACE CSG: 7" 23# @ 352'
Cmt w/ 130 sks
Cmt to surface

I.D. 4.0000
Drift 3.8750
Burst 5,350
Lin ft/bbl 0.0155
BBL/linft 64.34

6 1/8" Hole
Production Casing
4 1/2" 11.6 J55 @ 1,946'
Cmt w/ 105 sks
Cmt top @ 800'

Production Tubing
2 3/8" J55 @ 2,012'

I.D. 1.995
Drift 1.901
Burst 7,700
Lin ft/bbl 0.00387
BBL/linft 258.65

Geological tops:
Dakota 1,940'-1,970'

Top of abandoned tubing @ 850'

End of csg @ 1,946'

3 5/8"
Open Hole

End of tubing @ 2,006'

TD 2,027'