

## Justin Garrett

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**From:** Diana Burn - DNR <diana.burn@state.co.us>  
**Sent:** Thursday, June 25, 2015 11:59 AM  
**To:** John Fink  
**Cc:** Justin Garrett; Steve Jenkins - DNR; Barbara Westerdale - DNR; Jason Kosola - DNR  
**Subject:** EXTERNAL: RE: 70 Ranch State BB18-611 Sidetrack 123-41538

Please proceed as proposed.

Thanks,  
Diana

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**From:** John Fink [mailto:[John.Fink@nblenergy.com](mailto:John.Fink@nblenergy.com)]  
**Sent:** Thursday, June 25, 2015 11:46 AM  
**To:** Diana Burn - DNR  
**Cc:** Justin Garrett  
**Subject:** 70 Ranch State BB18-611 Sidetrack

Diana,

We are requesting permission to sidetrack the 70 Ranch State BB18-611. Please see below my answers to the attached guidance form. I have also attached the sidetrack procedure for you reference.

- i) Trying to run 7" casing in 8.75" OH we were unable to reach TD to set the casing. We were 377' from TD with casing where we encountered difficulty.
- ii) 6952'
- iii) Surface Casing set at 710.9' 9.625" 36#/ft
- iv) No fish in hole
- v) Plug #1: 15.8#/gal 1.51ft3/sk Type G Bottom: 6,840' Height: 700' 52bbbs (194sks)  
Plug #2: 17.5#/gal 0.94ft3/sk Type G Bottom: 6,140' Height: 650' 48.3bbbs (289sks)
- vi) See (v) above
- vii) 5,803' MD proposed KOP
- viii) Same as wellbore being abandoned: Niobrara B Chalk
- ix) Same BHL as abandoned hole

Thanks,

John Fink

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