

## Light, Cheryl

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**From:** Light, Cheryl  
**Sent:** Thursday, March 13, 2014 10:47 AM  
**To:** Light, Cheryl  
**Subject:** RE: Requesting Sidetrack Approval: Pettinger 4NE-18HZ API#0512338021

**From:** [Diana Burn - DNR](#)  
**Sent:** 2/6/2014 5:53 PM  
**To:** [Mallery, Josh](#)  
**Cc:** [Sollee, Michael](#); [Kistner, Katie](#); [Clausen, Cliff](#); [Felman, Moe](#); [Eiden, Tug](#); [Loesel, Chad](#); [Wages, Paul](#); [Asuchak, Ed](#); [Lingreen, Michael](#); [Ensign 123](#); [Mark Schlagenhauf - DNR](#); [Jane Stanczyk - DNR](#); [Penny Garrison - DNR](#)  
**Subject:** RE: Requesting Sidetrack Approval: Pettinger 4NE-18HZ API#0512338021

Please proceed as proposed.

Thanks,

Diana

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**From:** Mallery, Josh [mailto:[Josh.Mallery@anadarko.com](mailto:Josh.Mallery@anadarko.com)]  
**Sent:** Thursday, February 06, 2014 5:21 PM  
**To:** [diana.burn@state.co.us](mailto:diana.burn@state.co.us)  
**Cc:** Sollee, Michael; Kistner, Katie; Clausen, Cliff; Felman, Moe; Eiden, Tug; Loesel, Chad; Wages, Paul; Asuchak, Ed; Lingreen, Michael; Ensign 123  
**Subject:** Requesting Sidetrack Approval: Pettinger 4NE-18HZ API#0512338021

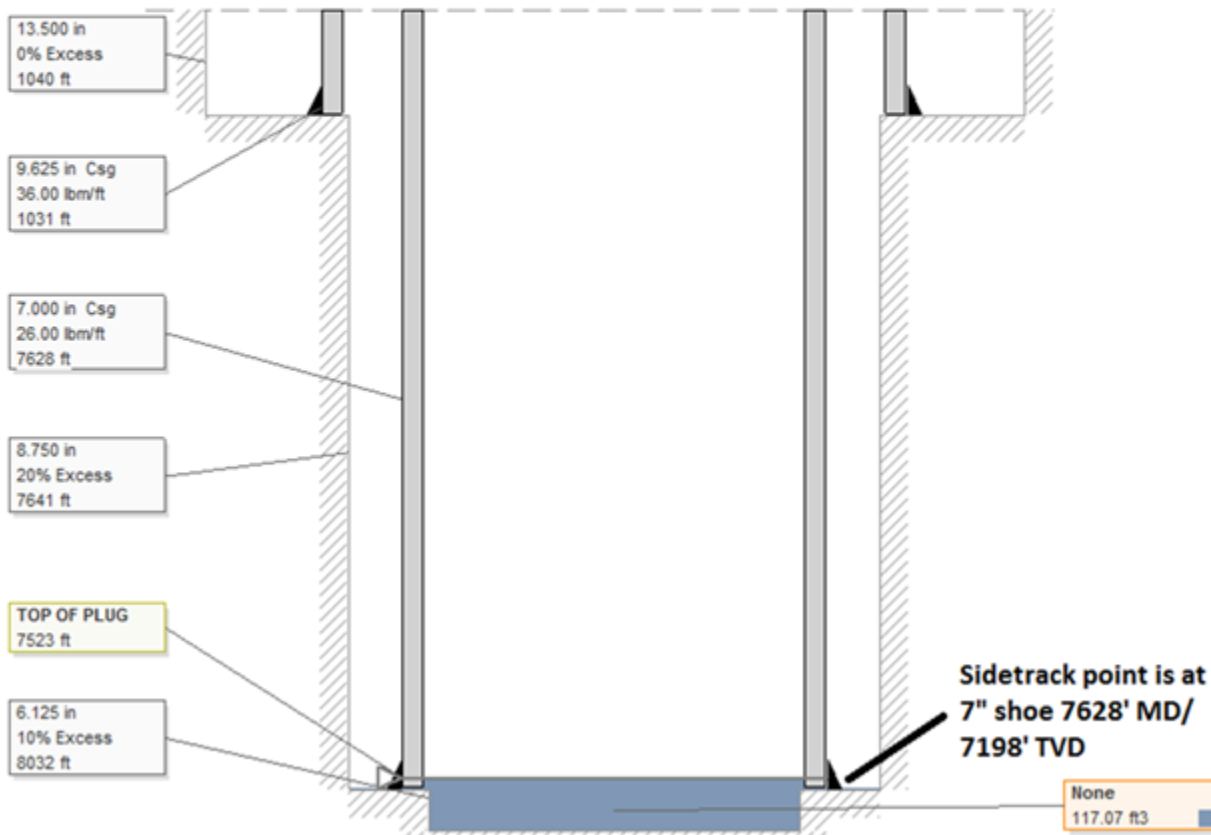
Diana,

I'm requesting a "verbal" approval to sidetrack the Pettinger 4NE-18HZ well.

- a. Well name and API - **Pettinger 4NE-18HZ API#0512338021**
- b. Explanation of situation and why you need to sidetrack – **High Inclination and High dog leg in wellbore will cause difficulty in further drilling and while running a liner.**
- c. Total measured depth reached (also have TVD) **8032' MD, 7179' TVD**

- d. Casing sizes set and measured depth **9-5/8" @ 1183' MD/ 1183' TVD, 7" @ 7628' MD/ 7198' TVD**
- e. Description of fish-including top and bottom. **No fish in hole.**
- f. Type of cement you will be using including weight, yield, and sacks. **17.5ppg, .94 ft<sup>3</sup>/sack, 124.5 sacks**
- g. Measured depth and TVD of sidetrack point **7628' MD/ 7198' TVD (at 7" shoe)**
- h. Proposed target formation of sidetrack hole if different than permitted. **Same as permit.**
- i. BHL of sidetrack hole. **Same as original plan.**
- j. Wellbore diagram: **Attached.**

PETTINGER 4NE-18HZ  
 Anadarko  
 7" Intermediate Casing  
 Single Stage



Thanks,

Joshua Mallery

Wattenberg Drilling Engineer

Anadarko

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C: 713-851-2298

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