



Garrison - DNR, Penny <penny.garrison@state.co.us>

**Re: Ione 2E-2H, API 05-123-36089-0000**

1 message

**Burn - DNR, Diana** <diana.burn@state.co.us>  
To: "Beiland, Kevin" <Kevin.Beiland@encana.com>  
Cc: Penny Garrison - DNR <penny.garrison@state.co.us>

Wed, Feb 6, 2013 at 1:15 PM

Kevin - thanks for the info - only piece that seems to be missing is the new BHL. Please supply that before approval. As a reminder, the paperwork should be to us by tomorrow noon - new APD and sundry with wellbore diagram.

Thanks,  
Diana

On Wed, Feb 6, 2013 at 12:11 PM, Beiland, Kevin <Kevin.Beiland@encana.com> wrote:

Diana,  
  
Here is the forward operations plan for the Ione 2E-2H. Please let me know if you need anything else at this time from me.

Thank you,

Kevin Beiland

Ione 2E - 2H - Forward Operations as of 02/06/2013

9 5/8" Surface casing @ 1053'

7" Casing Shoe @ 7409'

TD of current well bore to be plugged is 11792'

Drilled Ione 2E-2H to a total MD of 11792'.

While cleaning and conditioning hole prior to 4 1/2" production casing run, the lower housing of the 5" mud motor and 6 1/8" bit separated from the bottom hole assembly.

The fish is 3.7' in total length. Top of fish @ 7456' approximately

- Rig up for CBL / CCL (In Progress)
  - Run CBL / CCL to identify desirable window point
- Pick up 200' of 2 7/8" stinger. Cross over to drill pipe and run to a measured depth of approximately 7399' (7" shoe @ 7409')

- Rig up cement equipment and pump 20bbl spacer and 150' Balanced P&A Plug. (15.8 ppg / 1.51 yield, 6.22 gal.H<sub>2</sub>O/sk, 22 sx of cement, 5.7 bbls, 20% excess with friction reducer)
  - Displace with Mud
  - Pull stinger up above cement plug approximately 180'
  - Reverse circulate at least 1.5 tubing volumes to ensure cement cleared from drill pipe and stinger.
  - -TOOH and lay down stinger, stand Drill Pipe in derrick
- Rig up Wireline services to run gauge ring / CCL
  - Tag cement with gauge ring to confirm cement top @ 7260', COGGC to witness?
  - Select window point and discuss with engineer
- Trip out of the hole and pick up CIBP
  - Set Bridge plug via wireline (CIBP to be set so window is mid casing joint)
  - Bridge plug to be 10K Rated up and down
- Pick Up 1.5° Whip stock and milling assembly
  - Whipstock assembly will have mule shoe above to allow for gyro orienting
  - Run Whipstock – max trip speed (100' / min)
  - Gyro orient and seat whipstock with anchors. Orient Whipstock at 177 Azimuth @ a MD of 6000'
  - Rig down gyro & Wireline
  - Shear bolt and cut window with mills. Ensure through completely, making several passes to ensure proper dress of window.
  - TOOH with mills and lay down mill assembly
- Pick up directional tools.
  - 5" adjustable motor set at 1.83° and MWD, Gyro on top of MWD to orient while magnetic interference exists.
  - Achieve 70' separation from 7" casing and commence to drilling the Ione 2E-2H Sidetrack 01 as per directional plan, Ione 2E-2H Sidetrack plan #5
  - Land curve @ 90° Inc. in Niobrara C Chalk / B Marl, 7350 TVD, circulate and condition hole clean / Trip out of hole and swap BHA to 1.5° fixed housing motor and trip back to bottom to complete well.

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**From:** Diana Burn - DNR [mailto:[diana.burn@state.co.us](mailto:diana.burn@state.co.us)]  
**Sent:** Tuesday, February 05, 2013 6:13 PM  
**To:** Beiland, Kevin  
**Subject:** RE: Ione 2E-2H, API 05-123-36089-0000

We're good with the CIBP as a plug.

Thanks,

Diana

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**From:** Beiland, Kevin [mailto:[Kevin.Beiland@encana.com](mailto:Kevin.Beiland@encana.com)]  
**Sent:** Tuesday, February 05, 2013 2:19 PM  
**To:** 'diana.burn@state.co.us'  
**Subject:** Ione 2E-2H, API 05-123-36089-0000

Hi Diana,

Sorry that I missed your call. I need to discuss our current situation on the Ione 2E-2H when you have a chance.

I am in my office until 4:30 today. Please give me a call at your earliest convenience.

Thank you for your time,

Kevin Beiland  
Encana, Drilling Engineer  
720-876-5557

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