



Andrews, David

From: Schneider, Gregory P. [Gregory.Schneider@encana.com]
Sent: Tuesday, June 14, 2011 3:04 PM
To: Andrews, David; Ketterling, Tony W.; Bob_Hartman@blm.gov; Edward_Fancher@blm.gov; Browning, Chuck; william_howell@blm.gov; dgiboo@blm.gov; alan_white@blm.gov; julie_king@blm.com; Kellerby, Shaun; Grubich, John; King, Kevin
Subject: RE: Bradenhead psi Orchard Unit 30-5H (K20OU) Encana, Ensign rig 119

- What is the TOC (TVD) behind the intermediate casing? **Around 1,400'**
- What was the mud weight in the intermediate-surface casing annulus prior to pumping the intermediate casing cement? Alternately, do you have a current estimate of the fluid weight in the annulus above the TOC? **9.6 ppg**
- What is the TOC (TVD) behind the production casing? **Designed TOC was 4,600', but we haven't ran a CBL or Temp log.**
- What was the mud weight in the production-intermediate casing annulus prior to pumping the production casing cement? Alternately, do you have a current estimate of the fluid weight in the annulus above the TOC? **13 ppg.**
- Has this well been completed yet, and if so, did these pressures develop before, during or after the fracture stimulation? **Not completed yet.**

From: Andrews, David [<mailto:David.Andrews@state.co.us>]
Sent: Tuesday, June 14, 2011 2:28 PM
To: Ketterling, Tony W.; Bob_Hartman@blm.gov; Edward_Fancher@blm.gov; Browning, Chuck; william_howell@blm.gov; dgiboo@blm.gov; alan_white@blm.gov; julie_king@blm.com; Kellerby, Shaun; Grubich, John; King, Kevin; Schneider, Gregory P.
Subject: RE: Bradenhead psi Orchard Unit 30-5H (K20OU) Encana, Ensign rig 119

RE: API No. 05-077-09418

Tony,

Based on a previous report in COGCC's well file, I understand that surface casing was set at 1529' TVD and intermediate casing was set at 7162' TVD. This well is federal jurisdiction, but I have a few questions:

- What is the TOC (TVD) behind the intermediate casing?
- What was the mud weight in the intermediate-surface casing annulus prior to pumping the intermediate casing cement? Alternately, do you have a current estimate of the fluid weight in the annulus above the TOC?
- What is the TOC (TVD) behind the production casing?
- What was the mud weight in the production-intermediate casing annulus prior to pumping the production casing cement? Alternately, do you have a current estimate of the fluid weight in the annulus above the TOC?
- Has this well been completed yet, and if so, did these pressures develop before, during or after the fracture stimulation?

If you are considering prolonged venting to relieve pressure, then please submit a COGCC Form 4 (Sundry Notice, request to vent/flare) to my attention.

Thanks,

David D. Andrews, P.E., P.G.
Engineering Supervisor - Western Colorado

State of Colorado
Oil and Gas Conservation Commission
707 Wapiti Court, Suite 204
Rifle, Colorado 81650

Office Phone: (970) 625-2497 Ext. 1
Cell Phone: (970) 456-5262
Fax: (970) 625-5682
E-mail: David.Andrews@state.co.us
Website: <http://www.colorado.gov/cogcc>

From: Ketterling, Tony W. [<mailto:Tony.Ketterling@encana.com>]

Sent: Tuesday, June 14, 2011 2:25 PM

To: Bob_Hartman@blm.gov; Edward_Fancher@blm.gov; Browning, Chuck; william_howell@blm.gov; dgiboo@blm.gov; alan_white@blm.gov; julie_king@blm.com; Kellerby, Shaun; Grubich, John; King, Kevin; Andrews, David

Subject: Bradenhead psi Orchard Unit 30-5H (K200U) Encana, Ensign rig 119

We just recorded bradenhead psi today on the Orchard Unit 30-5H well. Recorded 850 psi between the intermediate and production and 450 psi between the surface and intermediate. We bled the psi down between the surface and intermediate and will continue bleeding. As of now, we'll plan on leaving the psi between the production and intermediate. All the other wells have wells have zero psi. We'll will continue to monitor and record hourly.

Thanks,

Tony Ketterling

Tony.Ketterling@encana.com

Ensign 119

Rig Office: (337) 806-1276

Cell: (931) 561-4984

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