



State
of
Colorado



Andrews - DNR, David <david.andrews@state.co.us>

First Liberty Energy Inc - Basin #1 - Clarification of and Addition to APD Conditions of Approval - Document 400266057

3 messages

Andrews - DNR, David <david.andrews@state.co.us>

Thu, Dec 27, 2012 at 4:12 PM

To: scott.patrick@petersonenergy.com

Cc: Stuart Ellsworth - DNR <Stuart.Ellsworth@state.co.us>, Mark Weems - DNR <Mark.Weems@state.co.us>, Matt Lepore - DNR <matt.lepore@state.co.us>, Thom Kerr - DNR <thom.kerr@state.co.us>, James Milne - DNR <james.milne@state.co.us>, Karen Spray - DNR <karen.spray@state.co.us>, Mike Leonard - DNR <Mike.Leonard@state.co.us>, Steve Labowskie - DNR <Steve.Labowskie@state.co.us>, Margaret Ash - DNR <margaret.ash@state.co.us>, Alex Fischer - DNR <alex.fischer@state.co.us>

RE: Basin #1, API No. 105-06019, APD Document No. 400266057

Scott,

This is a follow-up to our telephone conversations today. This email is intended to clarify top of production casing cement and open-hole logging requirements for the subject well and the approved Application for Permit to Drill (APD).

Although the Casing/Cement tabular section of the APD shows a production casing top of cement (TOC) requirement of 1,000' (200' above the surface casing shoe), production casing cement shall be circulated to surface, as specified in several separate sections of the APD #400266057 Conditions of Approval (COA's).

Open-hole resistivity logs, including induction and spontaneous potential, shall be run on the entire wellbore, including the surface hole, the intermediate hole (if any), and the production hole. This requirement is hereby incorporated as a new COA for APD #400266057. The previously-approved COA was less stringent, requiring resistivity logs on the intermediate hole (if any) and the production hole only.

Open-hole porosity logs, including compensated neutron and formation density, shall be run on the entire wellbore, including the surface hole, the intermediate hole (if any), and the production hole. This clarifies the existing APD #400266057 COA, which reads, "Run porosity logs from [measured total depth] MTD to surface."

If you have any further questions, please contact my manager (Stuart Ellsworth) or me at your convenience. Alternately, Mark Weems will return on 1/7/2013.

Sincerely,

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>

Scott Patrick <Scott.Patrick@petersonenergy.com>
To: "Andrews - DNR, David" <david.andrews@state.co.us>

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Thanks David. Just to confirm, your e-mail serves as the update to the COA's so a Sundry Notice does not need to be filed by First liberty Energy, correct?

Scott Patrick

Petroleum Engineer



2154 West Eisenhower Boulevard

Loveland, Colorado 80537

o: 970-669-7411

c: 970-286-5574

scott.patrick@petersonenergy.com

www.petersonenergy.com

www.iptengineers.com

From: Andrews - DNR, David [mailto:david.andrews@state.co.us]

Sent: Thursday, December 27, 2012 4:13 PM

To: Scott Patrick

Cc: Stuart Ellsworth - DNR; Mark Weems - DNR; Matt Lepore - DNR; Thom Kerr - DNR; James Milne - DNR; Karen Spray - DNR; Mike Leonard - DNR; Steve Labowskie - DNR; Margaret Ash - DNR; Alex Fischer - DNR

Subject: First Liberty Energy Inc - Basin #1 - Clarification of and Addition to APD Conditions of Approval - Document 400266057

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Andrews - DNR, David <david.andrews@state.co.us>
To: Scott Patrick <Scott.Patrick@petersonenergy.com>

Thu, Dec 27, 2012 at 4:22 PM

Scott,

That's correct. I will copy this email to COGCC's well file.

Thanks,

David

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