

**Arrant, Bryan, EMNRD**

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**From:** Arrant, Bryan, EMNRD  
**Sent:** Wednesday, August 02, 2006 3:07 PM  
**To:** 'Ysasaga, Stephanie'  
**Cc:** Gum, Tim, EMNRD  
**Subject:** RE: Spud 16 State 6: Question

Dear Stephanie,

With the information of this well provided by you to us in our well files and in the e-mail from Mr.. James Cromer:

The Oil Conservation Division is in agreement that it is in the best interest of all parties involved not to try and perf and squeeze cement into the

5 1/2' casing as per Mr. Cromer's concerns.

Please note that if in the future situations similar to this may come up in R-111-P this is on a "case by case basis".

Please give me a call if you have any questions.

Yours truly,

Bryan G. Arrant  
NMOCD District II Geologist  
505-748-1283  
CC: Well file

30 - 015 - 34575

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**From:** Ysasaga, Stephanie [mailto:Stephanie.Ysasaga@dv.n.com]  
**Sent:** Wednesday, August 02, 2006 1:20 PM  
**To:** Arrant, Bryan, EMNRD  
**Subject:** RE: Spud 16 State 6: Question

Thanks.... ☺

***Stephanie A. Ysasaga***

Sr. Staff Engineering Technician  
(405)-552-7802 Phone  
(405)-552-4553 Fax  
[Stephanie.Ysasaga@dv.n.com](mailto:Stephanie.Ysasaga@dv.n.com)

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**From:** Arrant, Bryan, EMNRD [mailto:bryan.arrant@state.nm.us]  
**Sent:** Wednesday, August 02, 2006 2:18 PM  
**To:** Ysasaga, Stephanie  
**Cc:** Gum, Tim, EMNRD  
**Subject:** RE: Spud 16 State 6: Question

Hi Miss Stephanie,

We will take a look at this at get back with you.

I haven't reviewed all the particulars, but will visit with you about R-111-P and the TOC of the 5 1/2" casing.

8/2/2006

See ya,  
Bryan

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**From:** Ysasaga, Stephanie [mailto:Stephanie.Ysasaga@dvn.com]  
**Sent:** Wednesday, August 02, 2006 12:40 PM  
**To:** Arrant, Bryan, EMNRD  
**Subject:** Spud 16 State 6: Question

Your thoughts sir? Scroll down. Call me if it's easier.... ☺

***Stephanie A. Ysasaga***

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**From:** Cromer, James  
**Sent:** Wednesday, August 02, 2006 10:04 AM  
**To:** Nelson, Scott  
**Cc:** Dougherty, Bill; Blount, Jim; Ysasaga, Stephanie; Abbitt, Wyatt; Sanchez, Victoria  
**Subject:** Spud 16 #6

Scott, this is the well where we had the pump problem on location after stage 1 of the 7" cement job, and were shut down quite some time before we could circulate through the DV tool (depth 3493'). After we got pumps back on line, we couldn't pump into the DV tool, so aborted the stage 2 cement job.

We just ran a CBL inside 7" and found TOC only 300' from surface. To see if that was reasonable, I went ahead and calculated TOC based on the open-hole caliper and it calculated at **162'**.

Is there a reason we pump so much excess cement in stage 1? Also, for future consideration, if we can circulate cement so high, could we do away with the DV tool altogether and cement the 7" in a single stage for similar wells in this area?

Stephanie, this well is in the potash area. I'd really like to avoid shooting squeeze holes in perfectly good pipe at 300' just to satisfy the cement-to-surface requirement for the long string. Just not a good idea in a potential high-pressure gas well. What are our chances of getting a waiver of the cement requirement?

<<spud16-6\_schm.pdf>>

Thanks,

***Jim Cromer***

***devon***

Devon Energy Production Company, LP

Western Division Reservoir

8/2/2006

Permian District, PB New Mexico

405-228-4464

405-552-1336 (fax)

[james.cromer@dvn.com](mailto:james.cromer@dvn.com)

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8/2/2006



DEVON ENERGY CORP. SPUD '16' ST #6 (GAS)  
LAGUNA SALADO Field, EDDY Co., NM Area: POTATO BASIN AF  
920' FNL, 990' FWL, Sec 16, 23S 28E. Elev: 2981.0' (17.0' AGL)

Last updated by:  
Jim Cromer 07/19/2006

Surface Casing Record  
13.375"/ 48.00#/ H-40/ 8RD @ 364'

Intermediate Casing Record  
9.625"/ 40.00#/ J-55/ 8RD @ 2975'

Production Casing Record  
7.00"/ 26.00#/ P110/ LTC @ 10478'

Production Liner Record  
4.50"/ 13.50#/ P110/ 8RD @ 10170'-12501'

Tubing Record  
OUT

13.375" csg @ .364'  
TOC = 300' (CBL)

9.625" csg @ 2975'

DV tool @ 3493'

**Well History (spudded 05/27/2006):**

7/06 DC. Ran 7" csg .set @ 10478'. Stage 2 cmt aborted - could not circ through DV tool. Set 13.5# HCP110 LTC liner @ 12,501'. TOL @ 10,169'. cmt w/300 sx CI H. Dress TOL and test to 1000 psi (OK). Ran CBL in 7" csg. found TOC @ 300'.

7.000" csg @10478' w/2310 sx

**Plugs:**

FLTC @12410'

**Perf Detail**

Interval spf Date

12137-12147'  
(PROP)

PF: 12078 -12102' (PROP)

PF:12273-12276' (PROP)

TD = 12501'

4.500" lnr: 10170' -12501' w/ 300 sx

Comments: Atoka Bank offset dev. to 16-5

**API# 30-015-34575**  
Current status: SHUT