

STATE OF
COLORADO

Andrews - DNR, Doug <doug.andrews@state.co.us>

RE: [EXTERNAL] :COGCC Form 2A Siting Rationale - PDC Energy's Carlson 6N64W7SW

3 messages

Venessa Langmacher <Venessa.Langmacher@pdce.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, May 23, 2016 at 2:38 PM

Hi Doug,

The development of this area was a long process, to say the least. We did not pursue surface location in the E/2 E/2 of section 8 for two main reasons: First, the NE/4 of section 8 is Noble Energy leasehold and secondly, there is a large NE/SW trending fault system in the area that would prove it very difficult to develop the minerals with 2 mile laterals drilling east to west, i.e. staying in the target zone and doing so within the scope of our engineering specifications. With this in mind we looked for surface on the west side of section 8 and section 7 to drill wells from west to east. In the end we could not get an agreement with surface owners on the west side of 7 or on the E/2 E/2 of 12 to drill the middle of sections 7 and 8.

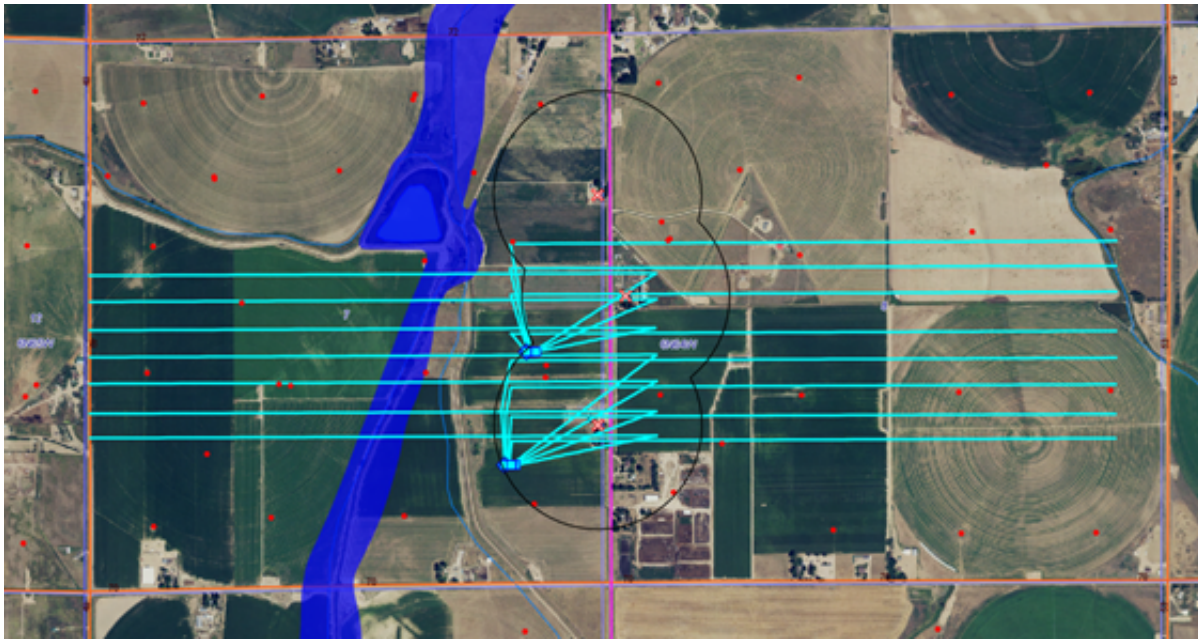
Please let me know if you need any additional information.

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Monday, May 23, 2016 11:55 AM
To: Venessa Langmacher <Venessa.Langmacher@pdce.com>
Subject: [EXTERNAL] :COGCC Form 2A Siting Rationale - PDC Energy's Carlson 6N64W7SW

Venessa,

I am preparing a summary for the Managers of the siting for the referenced Oil & Gas Location and I see something that I'd like added to the Siting Rationale on the Form 2A. The wells on this pad have one-mile laterals that run both to the east and west from a central surface hole location. See the attached screenshot from COGIS. Please provide some discussion as to why PDC decided not to place this location at the furthest west end, across CR 49 in Section 12 of 6 North/65 West. I see that PDC already has a few producing wells in east half of Section 12. Also, similar discussion as to why PDC decided no to place this location at the furthest east end in Section 8 of 6 North/64 West. While this would require the wells to be 2-mile laterals, there also appear to be fewer Building Units in these two areas.

A similar question will likely be asked by us regarding the siting of the Elvera pad to the south.



Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area



1120 Lincoln St., Suite 801

Denver, CO 80203

doug.andrews@state.co.us

303-894-2100 Ext. 5180

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Venessa Langmacher <Venessa.Langmacher@pdce.com>

Mon, May 23, 2016 at 3:19 PM

Venessa,

May I add this information to the Siting Rationale?

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area



COLORADO

Oil & Gas Conservation
Commission

Department of Natural Resources

1120 Lincoln St., Suite 801
Denver, CO 80203
doug.andrews@state.co.us
303-894-2100 Ext. 5180

[Quoted text hidden]

Venessa Langmacher <Venessa.Langmacher@pdce.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, May 23, 2016 at 3:27 PM

Yes ☺

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Monday, May 23, 2016 3:20 PM
To: Venessa Langmacher <Venessa.Langmacher@pdce.com>
Subject: Re: [EXTERNAL] :COGCC Form 2A Siting Rationale - PDC Energy's Carlson 6N64W7SW

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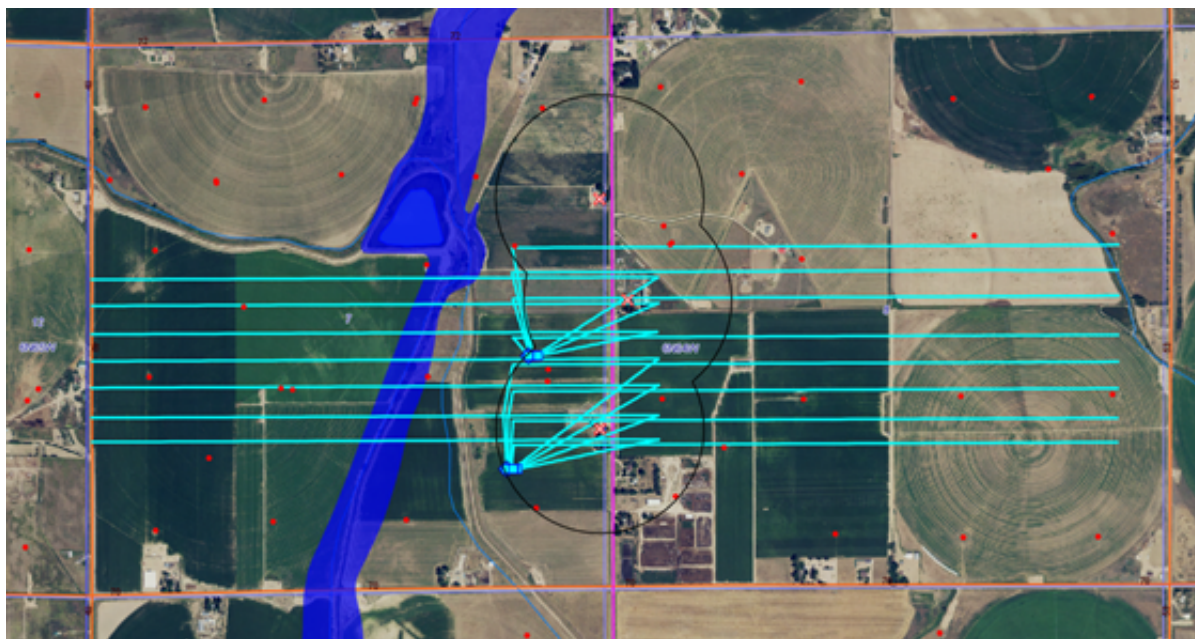
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