

## Allison, Rick

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**From:** Tina Taylor [Tina.Taylor@crzo.net]  
**Sent:** Friday, June 24, 2011 7:41 AM  
**To:** Allison, Rick  
**Cc:** Ryan Dornak  
**Subject:** RE: BRINGELSON RANCH 32-44-9-58 - COGCC Form 2A (Doc 400175716) Carrizo Oil & Gas Inc

Rick,

In regards to questions 1 and 3, I will have the survey company make the necessary changes.  
Question 6: Yes, please change the footage from 5280 to 1120.

Thanks!

Tina Taylor  
Regulatory Compliance Analyst-Colorado  
Carrizo Oil & Gas, Inc.  
1000 Louisiana St. Suite 1500  
Houston, Texas 77002  
713-358-6210 Direct  
713-328-1000 Main  
713-358-6450 Fax

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**From:** Allison, Rick [<mailto:Rick.Allison@state.co.us>]  
**Sent:** Thursday, June 23, 2011 3:16 PM  
**To:** Tina Taylor  
**Subject:** RE: BRINGELSON RANCH 32-44-9-58 - COGCC Form 2A (Doc 400175716) Carrizo Oil & Gas Inc

Tina,

In order to continue reviewing this Form 2A, I need you to answer or address items 1, 3 and 6 below.

Items 2, 4 and 5 are for your reference for future 2A submittals. We'd like to see those changes on future 2As as they come in, but will not hold what is in process.

Thank you,  
Rick

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**From:** Tina Taylor [<mailto:Tina.Taylor@crzo.net>]  
**Sent:** Wednesday, June 22, 2011 2:41 PM  
**To:** Allison, Rick  
**Subject:** RE: BRINGELSON RANCH 32-44-9-58 - COGCC Form 2A (Doc 400175716) Carrizo Oil & Gas Inc

Rick,

Yes. Please change anything you can for me. Then please send another e-mail of what is left to be done so I can get the Engineer to get involved .

Thanks!

Tina Taylor  
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1000 Louisiana St. Suite 1500  
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**From:** Allison, Rick [<mailto:Rick.Allison@state.co.us>]  
**Sent:** Wednesday, June 22, 2011 12:51 PM  
**To:** Tina Taylor  
**Subject:** BRINGELSON RANCH 32-44-9-58 - COGCC Form 2A (Doc 400175716) Carrizo Oil & Gas Inc

Hi Tina,

The COGCC is reviewing the BRINGESLON RANCH 32-44-9-58 well location in the SE ¼ SE ¼ Section 32 T9N R58W, Weld County, and requests the following changes to the Form 2A:

- 1) **Location Identification:** The Instrument Operator's name should be the operator's full name. It appears that the initials for several people were included on the Form 2A. ***Please provide me the Instrument Operator's name and I will change the Form 2A.***
- 2) **Soil Units:** Based on the NRCS mapped soil units, it appears the proposed location will be constructed across two soil units: the 44 Olney fine sandy loam, which Carrizo has included, and the 2 Altavan fine sandy loam 6 to 9 percent slopes. I have added the Atlavan fine sandy loam unit to the Form 2A and attached the NRCS Soil Unit Description.
- 3) **Location Drawing:** The location drawing should show all improvements within 400 feet of the proposed location. The attached Location Drawing, does not show the area south and east of the location, and there is a fence on the section line that should be identified. The BRINGELSON RANCH 20, 33 and 34 locations all include Location Drawings that are acceptable. ***Please submit a revised Location Drawing that shows all improvements within 400 feet of the proposed location.*** Please call me with any questions about the Location Drawing.
- 4) **Hydrology Map:** The Hydrology Map should include a distance and bearing to each surface water and riparian area within 1000 feet of the proposed location. While there are no surface water features within 1000 feet, the Hydrology Map scale and the radius shown on the map do not make it clear that a 1000 foot radius was examined. COGCC will accept the map included. In the future please send a smaller scale Hydrology Map and include a 1000 foot search radius from the edge of the disturbed area on the map.
- 5) **Plant Community:** Dryland Pasture connotes crop land under COGCC rules. If Carrizo plans to use the NRCS for plant community information, that will suffice. No changes are necessary, but please take note for the future.
- 6) **Water Resources:** The COGCC considers intermittent drainages to be surface water. Intermittent drainages are mapped approximately 1120 feet northeast and west of the proposed location. ***Please approve me changing the distance to nearest surface water from 5280 feet to 1120 feet.***

Please contact me if you have any questions.

Thank you,

Rick Allison, P.G.  
Oil and Gas Location Assessment Specialist  
Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801

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303-894-2100 ext 5102