

From: [Joel Dill](#)  
To: [Sheila Singer](#); [Matt Barber](#)  
Cc: [Bogalinsky](#); [Andy Van Wyk](#)  
Subject: Park 4-63-4 NE Request to Remove COA's for Offset Well Operations  
Date: Wednesday, January 23, 2019 7:12:47 AM  
Attachments: [image001.png](#)  
[image002.png](#)  
[image003.png](#)

Good Morning,  
We have requested and received approval to remove the BCEI operated wells listed below as COAs on the permits associated with the Park 4-63-4 NE Pad that HighPoint Resources is drilling. We were advised by the COGCC that HPR would be required to submit the Form 4 (pad level) to get these COAs removed.  
Could either of you assist us in completing this?

Please reach out if you have any questions! Thank you,

Joel Dill, P.E.

Manager, Drilling and Completions

Bonanza Creek Energy, Inc. | 410 17<sup>th</sup> St. Ste 1400 | Denver Co. 80202

Office: 720.225.6648 | Cell: 720.633.5871 | [jdill@bonanzacrk.com](mailto:jdill@bonanzacrk.com)



From: Jacobson - DNR, Eric [mailto:[eric.jacobson@state.co.us](mailto:eric.jacobson@state.co.us)]  
Sent: Tuesday, January 22, 2019 10:21 AM  
To: Andy Van Wyk  
Cc: Joel Dill  
Subject: [EXTERNAL] Re: Request to Remove COA's for Offset Well Operations

**External Sender: Use caution with links/attachments**  
Andy

I am good with dropping these 5 wells. The deepest WW was at 250' and the FH at 117'.

I will comment them out on our side that the COA is met for these 5 wells.

Thanks Eric

On Fri, Jan 18, 2019 at 10:01 AM Andy Van Wyk <[AVanWyk@bonanzacrk.com](mailto:AVanWyk@bonanzacrk.com)> wrote:

Good Morning Eric,

Bonanza Creek Energy received a Notice of Fracture Stimulation from HighPoint Resources for their Park 4-63-4 NE pad located in Weld County, Section 4-T4N-R63W. Frac operations for this pad are currently scheduled to start on February 15, 2019. Among the list of Bonanza Creek Energy wells listed in the HighPoint Resources OWE document, we have identified that 5 Bonanza Creek Energy wells are also listed in the Park 4-63-4 NE pad approved APD's Conditions of Approval. Per the Conditions of Approval, the 5 Bonanza Creek Energy wells require Option 1 or Option 2 mitigation. These 5 wells are listed below:

05-123-35292	NORTH PLATTE J-F-34HNB
05-123-35294	NORTH PLATTE J-F-34HC
05-123-35297	NORTH PLATTE 33-34
05-123-35298	NORTH PLATTE J14-F11-34HNC
05-123-35300	NORTH PLATTE 34-34

We are requesting that the COA requirements for these 5 wells be removed. The basis for this request is as follows:

- Bonanza Creek Energy permitted and received approved APD's in 2018 for two wells (the North Platte E-Y-34HNB and Park U-4-9XRLC) on the Latham 41-4 pad located in Weld County, Section 4-T4N-R63W. The Bonanza Creek Energy OWE document submitted for the Latham 41-4 pad also lists the 5 wells listed above.
- The approved APD's for the two wells on the Latham 41-4 pad do not list the 5 wells above in the Conditions of Approval.
- The OWE data compiled by Bonanza Creek Energy for the above 5 wells is as follows:

BCEI OWE DATA - Latham 41-4 Pad											
Offset Well API #	Offset Well Name	Nearest Proposed Horizontal Well Name	Shortest Horizontal Distance from Offset Well to any Proposed HZ Well	Offset Well Operator	Offset Well Spud Date	Offset Well Status	Offset Well Surface Casing Setting Depth	Base of Fox Hills (DJ) or Depth of Deepest Water Well (Statewide)	Historical Remedial Work to Provide Fox Hills Coverage (DJ Only)	Offset Well Objective Formation Top	Offset Well Top of Production Casing Cement
05-123-35292	NORTH PLATTE J-F-34HNB	North Platte E-Y-34HNB	34	BONANZA CREEK ENERGY OF	12/18/2014	PR	444	250		6243	0
05-123-35294	NORTH PLATTE J-F-34HC	North Platte E-Y-34HNB	10	BONANZA CREEK ENERGY OF	12/30/2014	PR	439	250		7094	0
05-123-35297	NORTH PLATTE 33-34	North Platte E-Y-34HNB	126	BONANZA CREEK ENERGY OF	7/5/2012	PR	475	250		6701	2963
05-123-35298	NORTH PLATTE J14-F11-34HNC	North Platte E-Y-34HNB	5	BONANZA CREEK ENERGY OF	1/15/2015	PR	443	250		6841	0
05-123-35300	NORTH PLATTE 34-34	North Platte E-Y-34HNB	116	BONANZA CREEK ENERGY OF	6/30/2012	PR	474	250		6362	2710

- The OWE data compiled by HighPoint Resources for the above 5 wells is as follows:

Highpoint OWE DATA - Park 4-63-4 NE Pad											
Offset Well API #	Offset Well Name	Nearest Proposed Horizontal Well Name	Shortest Horizontal Distance from Offset Well to any Proposed HZ Well	Offset Well Operator	Offset Well Spud Date	Offset Well Status	Offset Well Surface Casing Setting Depth	Base of Fox Hills (DJ) or Depth of Deepest Water Well (Statewide)	Historical Remedial Work to Provide Fox Hills Coverage (DJ Only)	Offset Well Objective Formation Top	Offset Well Top of Production Casing Cement
05-123-35292	North Platte J-F-34HNB	PARK 4-63-4-0108B		519 BONANZA CREEK ENERGY OF	12/18/2014	PR	444	490		6566	3080
05-123-35294	North Platte J-F-34HC	PARK 4-63-4-0108B		494 BONANZA CREEK ENERGY OF	12/30/2014	PR	439	490		7090	2390
05-123-35297	North Platte 33-34	PARK 4-63-4-0108B		755 BONANZA CREEK ENERGY OF	7/5/2012	PR	475	490		6701	2955
05-123-35298	North Platte J14-F11-34HNC	PARK 4-63-4-0108B		492 BONANZA CREEK ENERGY OF	1/15/2015	PR	443	490		6426	960
05-123-35300	North Platte 34-34	PARK 4-63-4-0108B		630 BONANZA CREEK ENERGY OF	6/30/2012	PR	474	490		6362	2686

- Bonanza Creek, using a government supplied calculation method for estimating the depth of water bearing formations, has estimated that the depth to the Fox Hills is in the 125' – 200' range.
- Given the vintage of many of these 5 wells above, the wells would have been required to have a surface casing set depth below the base of the Fox Hills formation.
- It is Bonanza Creek's contention that the above 5 wells should not require Option 1 or Options 2 mitigation as the Surface Casing depth for each well is deeper than the deepest identified water well of 250'.

Thank you for your consideration. Please respond affirmatively should you agree to remove these COA's.

Best Regards,

Andy

Andy Van Wyk  
Sr. Operations Engineer

Bonanza Creek Energy, Inc. | 410 17<sup>th</sup> St. Ste 1400 | Denver Co. 80202  
Office: 720.440.6105 | Cell: 720.951.2800 | [avanyk@bonanzacrk.com](mailto:avanyk@bonanzacrk.com)



Eric Jacobson, PE  
Engineer  
303-894-2100 (5265)



720.9.4406105 | 720.951.2800 | [avanyk@bonanzacrk.com](mailto:avanyk@bonanzacrk.com)