

**FORM  
5**Rev  
09/14**State of Colorado  
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400818700

Date Received:

04/08/2015

**DRILLING COMPLETION REPORT**

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 8960 Contact Name: Jessica Azzolina  
 Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANY Phone: (720) 440-6100  
 Address: 410 17TH STREET SUITE #1400 Fax: (720) 279-2331  
 City: DENVER State: CO Zip: 80202

API Number 05-123-39209-00 County: WELD  
 Well Name: State Seventy Holes Well Number: 21-24-4HNB  
 Location: QtrQtr: NENW Section: 4 Township: 4N Range: 62W Meridian: 6  
 Footage at surface: Distance: 350 feet Direction: FNL Distance: 1383 feet Direction: FWL  
 As Drilled Latitude: 40.347970 As Drilled Longitude: -104.335910

## GPS Data:

Date of Measurement: 02/10/2015 PDOP Reading: 1.8 GPS Instrument Operator's Name: Adam Beauprez

\*\* If directional footage at Top of Prod. Zone Dist.: 665 feet Direction: FNL Dist.: 1987 feet. Direction: FWL  
 Sec: 4 Twp: 4N Rng: 62W

\*\* If directional footage at Bottom Hole Dist.: 472 feet Direction: FSL Dist.: 1982 feet. Direction: FWL  
 Sec: 4 Twp: 4N Rng: 62W

Field Name: WATTENBERG Field Number: 90750Federal, Indian or State Lease Number: OG 2140.12Spud Date: (when the 1st bit hit the dirt) 12/24/2014 Date TD: 01/02/2015 Date Casing Set or D&A: 01/04/2015Rig Release Date: 02/07/2015 Per Rule 308A.b.

## Well Classification:

 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  ObservationTotal Depth MD 11015 TVD\*\* 6212 Plug Back Total Depth MD 11015 TVD\*\* 6212Elevations GR 4552 KB 4574 **Digital Copies of ALL Logs must be Attached per Rule 308A** 

## List Electric Logs Run:

CBL, Mud, MWD/LWD, (CNL on 123-39213).

**CASING, LINER AND CEMENT**

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	13+1/2	9+5/8	36	0	455	200	0	455	VISU
1ST	8+3/4	7	26	0	6,679	760	186	6,679	CBL
1ST LINER	6+1/8	4+1/2	11.6	6400	10,960				

**STAGE/TOP OUT/REMEDIAL CEMENT**

Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

\_\_\_\_\_

**FORMATION LOG INTERVALS AND TEST ZONES**

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
PARKMAN	3,364				
SHARON SPRINGS	6,152		NO	NO	
NIOBRARA	6,353		NO	NO	

Operator Comments

No open hole Resistivity log with Gamma Ray was run on this well, per rule 317.p. A Compensated Neutron log was run on the State Seventy Holes F-J-4HC (123-39213).

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Jessica Azzolina

Title: Drilling Technician Date: 4/8/2015 Email: jazzolina@bonanzacrk.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
	CMT Summary *	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400818757	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
400818700	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400818752	CEMENT BOND_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400818755	MUD_CURVE_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400818756	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400821474	MUD_HORIZONTAL_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400951891	CEMENT JOB SUMMARY_INTERMEDIATE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400951892	CEMENT JOB SUMMARY_SURFACE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400990359	MWD/LWD_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400990363	MWD/LWD_LAS	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	<ul style="list-style-type: none"> <li>• TPZ footages corrected from 663' to 665' FNL and from 1970' to 1987' FWL per operator.</li> <li>• BHL footages are permitted, not actual; per operator, corrected from 470' to 472' FSL and from 1988' to 1982' FWL.</li> <li>• Corrected API from 123-39209 to 123-39213 for State Seventy Holes F-J-5HC in operator comment on Submit tab.</li> <li>• Corrected "OH" to "Compensated Neutron" in operator comment on Submit tab.</li> <li>• Added "MWD/LWD" and corrected "OH" to "CNL" in list of logs run.</li> <li>• Surface string "Setting Depth" and "Cement Btm" corrected from 447' to 455' per cement job summary.</li> <li>• Surface string "Status" corrected from "CALC" to "VISU".</li> <li>• First string "Cement Top" corrected from 0' to 186' per CBL.</li> <li>• First string "Setting Depth" and "Cement Btm" corrected from 6650' to 6679' per cement job summary.</li> <li>• First string "Sacks of Cement" corrected from 760 to 810 per cement job summary.</li> <li>• 1st Liner "Setting Depth" corrected from 11007' to 10960' per operator.</li> <li>• Added Parkman formation top per operator.</li> <li>• Attached "cement job summaries" are just invoices; deleted; actual surface/intermediate string cement job summaries and MWD/LWD (pdf and las) logs received via Sundry 400951886 (2/23/2016).</li> </ul>	07/12/2018

Total: 1 comment(s)