


FORM 2 Rev 08/13	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: 401009514 (REJECTED) Date Received: 04/14/2016
APPLICATION FOR PERMIT TO:			
<input checked="" type="checkbox"/> Drill <input type="checkbox"/> Deepen <input type="checkbox"/> Re-enter <input type="checkbox"/> Recomplete and Operate			
TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____		Refilling <input type="checkbox"/>	
ZONE TYPE SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONES <input type="checkbox"/> COMMINGLE ZONES <input type="checkbox"/>		Sidetrack <input type="checkbox"/>	
Well Name: <u>Pronghorn</u>		Well Number: <u>J-7-6XRLNB</u>	
Name of Operator: <u>BONANZA CREEK ENERGY OPERATING COMPANY LLC</u>		COGCC Operator Number: <u>8960</u>	
Address: <u>410 17TH STREET SUITE #1400</u>			
City: <u>DENVER</u>		State: <u>CO</u>	Zip: <u>80202</u>
Contact Name: <u>Julie L. Vigil</u>		Phone: <u>(303)803-1718</u>	Fax: <u>(720)279-2331</u>
Email: <u>jvigil@bonanzacr.com</u>			
RECLAMATION FINANCIAL ASSURANCE			
Plugging and Abandonment Bond Surety ID: <u>20120018</u>			
WELL LOCATION INFORMATION			
QtrQtr: <u>NENW</u>	Sec: <u>18</u>	Twp: <u>5N</u>	Rng: <u>61W</u>
Meridian: <u>6</u>		Latitude: <u>40.407330</u>	
Longitude: <u>-104.256770</u>		FNL/FSL FEL/FWL	
Footage at Surface: <u>428</u> feet	FNL <u>1425</u> feet	FEL <u>1425</u> feet	FWL <u>1425</u> feet
Field Name: <u>WATTENBERG</u>		Field Number: <u>90750</u>	
Ground Elevation: <u>4565</u>		County: <u>WELD</u>	
GPS Data:			
Date of Measurement: <u>12/15/2015</u>	PDOP Reading: <u>1.6</u>	Instrument Operator's Name: <u>Mike Johnson</u>	
If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan.			
Footage at Top of Prod Zone:	FNL/FSL FEL/FWL	Bottom Hole:	FNL/FSL FEL/FWL
<u>631</u> FSL <u>1320</u> FWL	<u>470</u> FNL <u>1320</u> FWL	<u>470</u> FNL <u>1320</u> FWL	<u>470</u> FNL <u>1320</u> FWL
Sec: <u>7</u> Twp: <u>5N</u> Rng: <u>61W</u>	Sec: <u>6</u> Twp: <u>5N</u> Rng: <u>61W</u>	Sec: <u>6</u> Twp: <u>5N</u> Rng: <u>61W</u>	Sec: <u>6</u> Twp: <u>5N</u> Rng: <u>61W</u>
LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT			
Surface Ownership: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian			
The Surface Owner is: <input checked="" type="checkbox"/> is the mineral owner beneath the location.			
(check all that apply) <input checked="" type="checkbox"/> is committed to an Oil and Gas Lease.			
<input checked="" type="checkbox"/> has signed the Oil and Gas Lease.			
<input type="checkbox"/> is the applicant.			
The Mineral Owner beneath this Oil and Gas Location is: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian			
The Minerals beneath this Oil and Gas Location will be developed by this Well: <u>No</u>			
The right to construct the Oil and Gas Location is granted by: <u>oil and gas lease</u>			
Surface damage assurance if no agreement is in place: _____		Surface Surety ID: _____	

LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

T5N-R61W-18: Lots 1, 2, 3, 4, E2W2, E2 (among other lands)

Total Acres in Described Lease: 2476 Described Mineral Lease is: Fee State Federal Indian

Federal or State Lease # _____

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 0 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 5280 Feet
Building Unit: 5280 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 421 Feet
Above Ground Utility: 401 Feet
Railroad: 5280 Feet
Property Line: 5280 Feet

INSTRUCTIONS:

- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a: Buffer Zone
 Exception Zone
 Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: _____

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: _____

SPACING and UNIT INFORMATION

Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation: 315 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 470 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): _____ Unit Number: _____

SPACING & FORMATIONS COMMENTS

5N-61W-6: W2 AND 5N-61W-7: W2, 634.81 acres more or less

OBJECTIVE FORMATIONS

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR		634	GWA

DRILLING PROGRAM

Proposed Total Measured Depth: 15827 Feet

Distance from proposed wellbore to nearest existing or permitted wellbore belonging to another operator:

648 Feet (Including plugged wells)

Will a closed-loop drilling system be used? Yes

Is H₂S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? _____ (If Yes, attach an H₂S Drilling Operations Plan)

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? No

BOP Equipment Type: Annular Preventor Double Ram Rotating Head None

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 318A

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: Recycle/reuse

Cuttings Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted? _____

Reuse Facility ID: _____ or Document Number: _____

CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	13+1/2	9+5/8	36	0	1450	1078	1450	0
1ST	8+3/4	7	26	0	6587	699	6587	1350
1ST LINER	6+1/8	4+1/2	11.6	5362	15827			

Conductor Casing is NOT planned

DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- Rule 318A.a. Exception Location (GWA Windows).
- Rule 318A.c. Exception Location (GWA Twinning).

RULE 502.b VARIANCE REQUEST

- Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number _____

OTHER LOCATION EXCEPTIONS

Check all that apply:

- Rule 318.c. Exception Location from Rule or Spacing Order Number _____
- Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

OPERATOR COMMENTS AND SUBMITTAL

Comments Nearest wellbore: Pronghorn F-11-6-7XRLNC, API 05-123-41825.
Nearest wellbore belonging to another operator: Bohlmeier 1, API 05-123-07388.

This application is in a Comprehensive Drilling Plan _____ CDP #: _____

Location ID: 436197

Is this application being submitted with an Oil and Gas Location Assessment application? Yes

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

Signed: _____ Print Name: Julie L. Vigil

Title: Sr. Regulatory Specialist Date: 4/14/2016 Email: jvigil@bonanzacrk.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

Expiration Date: _____

API NUMBER

05

Conditions Of Approval

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type

Description

<u>COA Type</u>	<u>Description</u>

Best Management Practices

No	BMP/COA Type	Description
1	Planning	Operator shall submit a Form 42 to the COGCC 48 hours prior to commencement of construction activities.
2	Drilling/Completion Operations	One of the first wells drilled on the pad will be logged with open hole Resistivity Log and Gamma Ray Log from the kick-off point into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured-while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
3	Drilling/Completion Operations	Bradenhead Monitoring: Operator will comply with COGCC Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area dated May 29, 2012.

Total: 3 comment(s)

Applicable Policies and Notices to Operators

Policy
Notice Concerning Operating Requirements for Wildlife Protection. http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf

Attachment Check List

Att Doc Num	Name
401009514	FORM 2 SUBMITTED
401025211	DEVIATED DRILLING PLAN
401025213	DIRECTIONAL DATA
401025389	EXCEPTION LOC REQUEST
401025390	EXCEPTION LOC WAIVERS
401025540	PROPOSED SPACING UNIT
401025559	WELLBORE DIAGRAM
401027727	WELL LOCATION PLAT
401027731	OffsetWellEvaluations Data

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)