

APPLICATION FOR PERMIT TO:

Drill Deepen Re-enter Recomplete and Operate

TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ ZONE TYPE SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONES <input type="checkbox"/> COMMINGLE ZONES <input type="checkbox"/>	Refiling <input checked="" type="checkbox"/> Sidetrack <input type="checkbox"/>
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Date Received:
03/14/2014

Well Name: Venturers Well Number: 41-4H

Name of Operator: BURLINGTON RESOURCES OIL & GAS LP COGCC Operator Number: 26580

Address: PO BOX 4289

City: FARMINGTON State: NM Zip: 87499

Contact Name: Justin Carlile Phone: (281)206-5770 Fax: (281)647-1935

Email: justin.carlile@conocophillips.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 19920030

WELL LOCATION INFORMATION

QtrQtr: NENE Sec: 19 Twp: 3S Rng: 64W Meridian: 6

Latitude: 39.780536 Longitude: -104.584469

Footage at Surface: <u>933</u> feet	FNL/FSL	FEL/FWL
<u>FNL</u> <u>300</u> feet	<u>FNL</u>	<u>FEL</u>

Field Name: WILDCAT Field Number: 99999

Ground Elevation: 5445 County: ADAMS

GPS Data:
Date of Measurement: 06/11/2013 PDOP Reading: 1.8 Instrument Operator's Name: Loren Shanks

If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: <u>660</u> feet	FNL/FSL	FEL/FWL	Bottom Hole: <u>660</u> feet	FNL/FSL	FEL/FWL
<u>FNL</u> <u>622</u> feet	<u>FNL</u>	<u>FEL</u>	<u>FNL</u> <u>460</u> feet	<u>FNL</u>	<u>FWL</u>

Sec: 19 Twp: 3S Rng: 64W Sec: 19 Twp: 3S Rng: 64W

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership: Fee State Federal Indian

The Surface Owner is: is the mineral owner beneath the location.
(check all that apply) is committed to an Oil and Gas Lease.
 has signed the Oil and Gas Lease.
 is the applicant.

The Mineral Owner beneath this Oil and Gas Location is: Fee State Federal Indian

The Minerals beneath this Oil and Gas Location will be developed by this Well: Yes

The right to construct the Oil and Gas Location is granted by: Surface Use Agreement

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.)

Township 3 South, Range 64 West, Section 19: ALL

Total Acres in Described Lease: 640 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: 460 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 1020 Feet

Building Unit: 1020 Feet

High Occupancy Building Unit: 5280 Feet

Designated Outside Activity Area: 5280 Feet

Public Road: 289 Feet

Above Ground Utility: 2670 Feet

Railroad: 5280 Feet

Property Line: 300 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 Wellbore to Nearest Wellbore Permitted or Completed in the same formation: 950 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 460 Feet (Enter 5280 for distance greater than 1 mile.)

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

SPACING & FORMATIONS COMMENTS

The spacing order did not create a spacing unit, only established exception setbacks to Rule 318.a

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	535-101		

DRILLING PROGRAM

Proposed Total Measured Depth: 12208 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 950 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? No (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? Yes

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 609

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:

Drilling cuttings will be taken by a certified transport company and disposed of at a certified disposal site.

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
CONDUCTOR	24+0/0	16+0/0	39.7	0	100	50	100	0
SURF	13+1/4	9+5/8	36	0	1846	590	1846	0
1ST	8+3/4	7+0/0	32	0	7825	540	7825	1746
2ND	6+0/0	4+1/2	13.5	6830	12208	360	12208	6830

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

The pad site that this well is located on is valid until 3-28-2015. Any changes to the well have been documented with attachments on the APD.
The original SUA between the surface owner and Anadarko is attached to this APD.

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

Location ID: 428353

Is this application being submitted with an Oil and Gas Location Assessment application? No

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

Signed: _____ Print Name: Justin Carlile

Title: Regulatory Specialist Date: 3/14/2014 Email: justin.carlile@conocophillips.co

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 4/27/2014

Expiration Date: 04/26/2016

API NUMBER

05 001 09742 00

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**

	<p>1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.</p>
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Best Management Practices**No BMP/COA Type****Description**

1	<p>Drilling/Completion Operations</p> <p>Open hole resistivity log with gamma ray will be run in the vertical portion of this well to describe the stratigraphy of the vertical section of the wellbore and to adequately verify the setting depth of the surface casing and aquifer coverage.</p>
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Total: 1 comment(s)

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400571197	FORM 2 SUBMITTED
400571240	DIRECTIONAL DATA
400571241	DEVIATED DRILLING PLAN
400571243	WELL LOCATION PLAT
400572671	SURFACE AGRMT/SURETY

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No public comments. Final Review--passed.	4/22/2014 7:26:23 AM
Permit	Oper. has advised that a road agreement with City of Aurora is being negotiated.	4/18/2014 12:57:18 PM
Permit	Confirmed buffer zone mitigation BMP's not required.	4/9/2014 12:55:13 PM
Permit	Operator has been advised that if location is not built prior to 2A expiration, an amended 2A must be submitted and approved prior to construction of location. Reviewing with OGLA to determine if buffer zone mitigation applies.	4/8/2014 10:14:52 AM
LGD	It appears that city streets will be used to access the site.If the applicant proposes to use City of Aurora streets for access to this site, a road repair agreement between the applicant (Conoco Phillips) and the City of Aurora will be required. Contact Public Works to coordinate a meeting to discuss the agreement. Staff requests that this be a condition of approval for the Well permit.	4/2/2014 1:50:25 PM
Permit	Added open hole logging BMP.	3/26/2014 11:53:03 AM
LGD	Adams County will approve all access points into this location. A Gas and Oil Well Rig Move Permit will be required to move the drilling rig both into and out of this location. If the site is placed into production, an On-Site Oil and Gas Production Facilities permit will be required. Please contact Mr. Mark Russell at 720-523-6965 for information regarding these permits.	3/19/2014 9:58:36 AM
Permit	Form passes completeness.	3/18/2014 9:17:31 AM
Permit	Returned to draft: 1) SO is MO should be checked. 2) Right to construct is lease. 3) Delete the NENE in lease description.	3/17/2014 10:09:23 AM

Total: 9 comment(s)