

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:

400878646

APPLICATION FOR PERMIT TO:

☐ Drill ☐ Deepen ☐ Re-enter ☒ **Recomplete and Operate**

Date Received:

08/20/2015

TYPE OF WELL OIL ☒ GAS ☐ COALBED ☐ OTHER _____

Refilling ☐

ZONE TYPE SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐

Sidetrack ☐

Well Name: State of Colorado

Well Number: 36-1

Name of Operator: CONOCO PHILLIPS COMPANY

COGCC Operator Number: 19160

Address: P O BOX 2197

City: HOUSTON

State: TX

Zip: 77252-2197

Contact Name: Ali Savage

Phone: (281)2065359

Fax: (281)6471935

Email: Ali.Savage@conocophillips.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20100227

WELL LOCATION INFORMATION

QtrQtr: NWSE Sec: 36 Twp: 3S Rng: 64W Meridian: 6

Latitude: 39.744692

Longitude: -104.498453

Footage at Surface: 2396 feet FNL/FSL FSL 2601 feet FEL/FWL FEL

Field Name: WILDCAT

Field Number: 99999

Ground Elevation: 5555

County: ADAMS

GPS Data:

Date of Measurement: 05/19/2013 PDOP Reading: 2.9 Instrument Operator's Name: Dallas Nielsen

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

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL

Sec: Twp: Rng: Sec: Twp: Rng:

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: Bond

Surface damage assurance if no agreement is in place: Blanket

Surface Surety ID: 20100047

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.)

NWSE-36-T3S-64W, Description of land: All, Township: 3S, Range: 64W, Section: 36

Total Acres in Described Lease: 640 Described Mineral Lease is: ☐ Fee ☒ State ☐ Federal ☐ Indian

Federal or State Lease # 9829.9

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 2350 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 2732 Feet

Building Unit: 2732 Feet

High Occupancy Building Unit: 5280 Feet

Designated Outside Activity Area: 5280 Feet

Public Road: 2239 Feet

Above Ground Utility: 2577 Feet

Railroad: 4275 Feet

Property Line: 2396 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: 412 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 2350 Feet (Enter 5280 for distance greater than 1 mile.)

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

SPACING & FORMATIONS COMMENTS

Spacing order does not address vertical wells. This recompletes for a one stage frac test only and the well will not produce at this time. This is a vertical well so spacing order 535-196 does not apply.

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			

DRILLING PROGRAM

Proposed Total Measured Depth: 7700 Feet

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

366 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? 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 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:

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	16	CMP	0	100	440	100	0
SURF	12+1/4	9+5/8	36	0	1803	689	1803	0
1ST	8+3/4	7	32	0	7680	550	7680	2500

☐ 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 318.a
- ☐ 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: This was previously a vertical monitor well that did not produce. We are conducting a one stage frac test on the Niobrara D chalk. Offset well evaluation not submitted as well is already drilled and is vertical. ConocoPhillips is the offset operator of the producing well. This well will NOT produce at this time. Please see scope of work and wellbore diagram attached. Thank you.

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

Location ID: 430595

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: Ali Savage

Title: Regulatory Specialist Date: 8/20/2015 Email: Ali.Savage@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: 12/13/2015

Expiration Date: 12/12/2017

API NUMBER

05 001 09759 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

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Best Management Practices

No	<u>BMP/COA Type</u>	<u>Description</u>
1	General Housekeeping	All surface trash, debris, scrap or discarded material will be removed daily or weekly as necessary and in a legal manner.
2	Storm Water/Erosion Control	Storm Water Management Plan (SWMP) will be in place to address operations associated with this well through the State of Colorado in accordance with CDPHE General Permit Rules. BMP's will vary according to location and will remain in place until the pad reaches final reclamation.
3	Material Handling and Spill Prevention	Spill prevention control and countermeasure plan is in place to address construction, drilling and operations associated with oil and gas development throughout the state of Colorado in accordance with CFR 112.

Total: 3 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1345296	EXCEPTION LOC REQUEST
400878646	FORM 2 SUBMITTED
400887851	OTHER
400887853	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. LGD comment addressed (see correspondence); no public comment received.	12/8/2015 1:37:39 PM
Permit	Operator response to LGD comments: "There are no plans for any new permanent structures to be built at this time and this well will not be a producing well. If this changes appropriate permitting will be pursued."	12/8/2015 1:36:51 PM
Permit	Requested confirmation of response for Jennifer Rutter from the operator.	12/3/2015 1:05:42 PM
Permit	Surface Restoration Bond on file and in good order per State Land Board.	12/2/2015 1:39:09 PM
Permit	Removed the related document.	9/25/2015 3:38:21 PM
Permit	In Process--changed "Will the minerals be developed beneath this location?" from "No" to "Yes" to satisfy the right to construct. The operator states the minerals will not be developed, however the well will be fracked. As a result the well will be re-completed as an oil well with the potential to produce.	9/25/2015 2:48:46 PM
Permit	On Hold--Verifying right to construct information.	9/17/2015 1:57:23 PM
Permit	Changed exception location request to the spacing order to 318.a since this is a vertical well and doesn't fall under the spacing order. Replaced exception location request as requested by the operator. Removed spacing order number--Statewide spacing for vertical well.	9/17/2015 1:45:36 PM
Permit	Requesting information from the operator.	9/17/2015 11:17:25 AM
Permit	Emailed State Land Board for verification of Surface Restoration Bond and mineral lease.	9/17/2015 8:50:46 AM
LGD	A portion of the site is in a special flood hazard area, a floodplain use permit will be required for any new structure built in the special flood hazard area of the site.	9/11/2015 2:10:03 PM
LGD	The applicant shall obtain GOW permits for moving in, moving out, and a production permit if any part of the site goes into production. Please contact Mark Russell at 720-523-6821.	9/11/2015 2:05:16 PM
Permit	Pass completeness	8/26/2015 9:10:54 AM

Total: 13 comment(s)