

FORM
2

Rev
12/05

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:

400320495

Date Received:

08/28/2012

PluggingBond SuretyID

20100227

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐

Sidetrack ☐

3. Name of Operator: CONOCO PHILLIPS COMPANY

4. COGCC Operator Number: 19160

5. Address: P O BOX 2197

City: HOUSTON State: TX Zip: 77252-2197

6. Contact Name: Justin Carlile Phone: (432)688-9165 Fax: (432)688-6019

Email: justin.carlile@conocophillips.com

7. Well Name: State of Colorado 36

Well Number: 1

8. Unit Name (if appl):

Unit Number:

9. Proposed Total Measured Depth: 7693

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 36 Twp: 3s Rng: 64w Meridian: 6

Latitude: 39.744692

Longitude: -104.498450

Footage at Surface: 2396 feet FNL/FSL 2600 feet FEL/FWL
FSL FEL

11. Field Name: Wildcat

Field Number: 99999

12. Ground Elevation: 5555

13. County: ADAMS

14. GPS Data:

Date of Measurement: 06/19/2012 PDOP Reading: 1.4 Instrument Operator's Name: Robert Kay

15. 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:

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 2261 ft

18. Distance to nearest property line: 2396 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 415 mi

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Niobrara	NBRR	535-196	640	ALL

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 9829.9

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20100047

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No

23b. If 23 is No: ☐ Surface Owners Agreement Attached or ☒ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

NWSE-36-T3S-64W, Description of land: All, Township: 3S, Range: 64W, Section: 36, Survey: 6th

25. Distance to Nearest Mineral Lease Line: 2393 ft

26. Total Acres in Lease: 640

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☒ Yes ☐ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☒ Offsite ☐ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☒ Disposal Facility Other: see comment section

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	20+0/0	16+0/0	0	0	80	50	80	0
SURF	12+1/4	9+5/8	36	0	1,800	590	1,300	0
1ST	8+3/4	7+0/0	26	0	7,693	540	6,640	1,700

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☒ Rotating Head ☐ None

33. Comments A trucking company will take the cuttings away, and be disposed of correctly. The Spacing is pending number 535-196 As per our emails, ConocoPhillips Company has no intentions of producing the above proposed well. It is intended to be a monitor well only

34. Location ID: _____

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☒ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ 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: 8/28/2012 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: Matthew Lee Director of COGCC Date: 10/26/2012

API NUMBER

05 001 09759 00

Permit Number: _____ Expiration Date: 10/25/2014

CONDITIONS OF APPROVAL, IF ANY:

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.

- 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.

Attachment Check List

Att Doc Num	Name
400320495	FORM 2 SUBMITTED
400321333	DRILLING PLAN
400321334	WELL LOCATION PLAT

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed.	10/23/2012 9:52:23 AM
LGD	If there are any impacts to City of Aurora owned roads or streets, please contact the city to arrange a meeting to discuss.	10/8/2012 11:23:03 AM
Engineer	Listed as oil well? - depth is > than Codell + RH - outside of GWA not common source	10/3/2012 2:20:53 PM
Permit	The operator requests that this APD be considered as a monitor well and the it will not be produced.	10/2/2012 2:36:10 PM
Permit	The distance to the nearest producer is 412' but the operator says this vertical is scheduled as a "monitor" well. Nothing in the comments session indicates this intention.	10/2/2012 6:54:33 AM
Permit	ConocoPhillips' Bond is in order as per Tim Kelly of State Land Board.	9/25/2012 9:00:51 AM
Permit	Distance to nearest property line and lease line changed to 2396 as per operator, distance to nearest well as per operator 415'.	9/25/2012 8:39:53 AM
Permit	Appears that the lease line and property line should be the same @ 2396' as the Well Location Plat shows the distance to be 2396" FSL, also the distance to the nearest well in the same formation should reflect the horizontal wellbore that is pending from ConocoPhillips, approximately 409'.	9/21/2012 1:17:21 PM
LGD	Adams County will approve all access locations	9/19/2012 7:53:22 AM
Permit	Operator included conductor pipe information in casing section and completed question no. 36 and 22.	9/18/2012 3:16:29 PM
Permit	Return to Draft: 1. Casing section does not include conductor pipe information; if no conductor pipe is used this must be noted in Operator Comment section. 2. Question No. 36 is incomplete. The following is FYI: Question No. 22 does not match GIS map, state minerals per map.	9/6/2012 10:30:59 AM

Total: 11 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)