

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:

400267267

Date Received:

04/23/2012

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: Rhonda Rogers Phone: (432)688-9174 Fax: (432)686-7922

Email: rogerr@conocophillips.com

7. Well Name: Grimm 34 Well Number: 4H

8. Unit Name (if appl): Unit Number:

9. Proposed Total Measured Depth: 11873

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 34 Twp: 4S Rng: 64W Meridian: 6

Latitude: 39.652925 Longitude: -104.542800

Footage at Surface: 386 feet FNL/FSL 1245 feet FEL/FWL
FSL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5773 13. County: ARAPAHOE

14. GPS Data:

Date of Measurement: 03/22/2012 PDOP Reading: 1.3 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
775 FSL 1520 FWL 660 FNL 1980 FWL
Sec: 34 Twp: 4S Rng: 64W Sec: 34 Twp: 4S Rng: 64W

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: 3493 ft

18. Distance to nearest property line: 386 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 ft

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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Niobrare | NBRR | 535-145 | 640 | sec. 34 |

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

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

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

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):

T4S, R64W, 6th P. M., Sec 34, NW/4, N2NE/4, SE/4NE/4

25. Distance to Nearest Mineral Lease Line: 0 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: _____

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 | 16 | | 0 | 80 | 50 | 80 | 0 |
| SURF | 12+1/4 | 9+5/8 | 36 | 0 | 2,010 | 710 | 2,010 | 0 |
| 1ST | 8+3/4 | 7 | 26 | 0 | 7,977 | 530 | 7,977 | 1,920 |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.6 | 6977 | 11,698 | 0 | | |

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

33. Comments This form 2 is for the horizontal portion of well.

34. Location ID: 428183

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: Rhonda Rogers

Title: Staff Regulatory Tech Date: 4/23/2012 Email: rogerrs@conocophillips.com

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: 5/18/2012

API NUMBER

05 005 07179 01

Permit Number: _____ Expiration Date: 5/17/2014

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 end of 7" casing 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.

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 400267267 | FORM 2 SUBMITTED |
| 400275017 | WELL LOCATION PLAT |
| 400275019 | TOPO MAP |
| 400275021 | ACCESS ROAD MAP |
| 400275024 | DIRECTIONAL DATA |
| 400276036 | DEVIATED DRILLING PLAN |

Total Attach: 6 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|---|----------------------------|
| Permit | No LGD received; final review completed. Public comment posted. | 5/16/2012 7:34:35 AM |
| Public | Do I need a plat map before I can find out where this proposed weel site is located? How abouta Lat/Long location as well?Otherwise, this site is totallyl useless to a home owner!(Aren't we the ones you are trying to convince of your transparency.Not working out too well at the moment!) | 4/25/2012 9:36:17 PM |
| Permit | Operator corrected SHL, deviated drilling plan, and #34. This form has passed completeness. | 4/25/2012 6:29:52 AM |
| Permit | Returned to draft at operators request. | 4/24/2012 2:54:15 PM |
| Permit | Returned to draft. Incorrect SHL. Deviated drilling plan does not match directional template. Invalid #34. | 4/24/2012 1:59:50 PM |
| Permit | Returned to draft at operators request. | 4/24/2012 1:14:52 PM |
| Permit | Returned to draft. Incorrect SHL. Deviated drilling plan does not match directional template. Missing #34. | 4/23/2012 1:53:15 PM |

Total: 7 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------|-----------------------|
| | |

Total: 0 comment(s)