

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:

400311849

Date Received:

08/02/2012

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER Horizontal
SINGLE ZONE MULTIPLE COMMINGLE

Refiling
Sidetrack

PluggingBond SuretyID

20100227

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: Tebo 1 Well Number: 1H

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

9. Proposed Total Measured Depth: 11920

WELL LOCATION INFORMATION

10. QtrQtr: Lot 1 Sec: 1 Twp: 5S Rng: 64W Meridian: 6

Latitude: 39.649233 Longitude: -104.491986

Footage at Surface: 660 feet FNL 250 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5933 13. County: ARAPAHOE

14. GPS Data:

Date of Measurement: 06/12/2012 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: 607 FNL 823 FEL Bottom Hole: 660 FNL 480 FWL
Sec: 1 Twp: 5S Rng: 64W Sec: 1 Twp: 5S 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: 1580 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1972 ft

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 | 535-145 | 640 | ALL |

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 SEC. 28 W/2, SEC. 29 ALL, SEC.32 ALL, SEC.33 W/2, T5S R64W SEC. 1 LOT 1,2, S/2N/2, S/2, SEC. 3 LOTS 1,2,S/2N/2,S/2, SEC. 4 LOTS 1,3,4,S/2N/2, S/2 T5S R63W SEC. 6 LOTS 2,3,4,SE/4NW/4, E/2W/4, S/2SE/4

25. Distance to Nearest Mineral Lease Line: 250 ft 26. Total Acres in Lease: 4473

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 |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| SURF | 12+1/4 | 9+5/8 | 36 | 0 | 2,130 | 680 | 2,130 | 0 |
| 1ST | 8+3/4 | 7+0/0 | 26 | 0 | 7,942 | 530 | 7,942 | 2,030 |
| 1ST LINER | 6+1/8 | 4+1/2 | 13.2 | 0 | 11,920 | | | |

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

33. Comments _____

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: 8/2/2012 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: 10/19/2012

API NUMBER

05 005 07199 01

Permit Number: _____ Expiration Date: 10/18/2014

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 |
|-------------|------------------------|
| 1792509 | DEVIATED DRILLING PLAN |
| 400311849 | FORM 2 SUBMITTED |
| 400311877 | DEVIATED DRILLING PLAN |
| 400317764 | DIRECTIONAL DATA |
| 400317781 | LOCATION PICTURES |
| 400317791 | LOCATION DRAWING |
| 400317792 | ACCESS ROAD MAP |
| 400317793 | TOPO MAP |
| 400317794 | REFERENCE AREA MAP |
| 400319119 | WELL LOCATION PLAT |

Total Attach: 10 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|--------------------------|
| Permit | Final review completed. | 10/4/2012 9:26:27 AM |
| Engineer | #33 comments - no entry | 9/11/2012 5:06:26 PM |
| Permit | Received corrected deviated drilling plan that includes the horizontal and vertical profiles. | 8/28/2012 7:20:34 AM |
| Permit | The distance to the nearest well is stated as 573' which would be the the vertical pilot on this pad but the vertical pilot will not be produced as per the operator. Therefore the actual nearest completed or permitted well would be the proposed BHL for the ConocoPhillips Murphy Family 31-1H in section 31 at 1972'. | 8/28/2012 7:12:28 AM |
| Permit | Requested a corrected deviated drilling plan that includes a horizontal and vertical profile on the plan. | 8/28/2012 7:03:12 AM |
| Permit | Distance to the nearest lease line as per well location plat and operator. | 8/23/2012 8:36:01 AM |
| Permit | Requested lease description that matches the 4473 "leased" acres. Without more detail can't determined the nearest lease line footage. Received a accurate lease description from operator. | 8/23/2012 8:29:30 AM |
| Permit | operator made correction. | 8/22/2012 11:47:37 AM |
| Permit | Returned to draft again. BHL on plat does not match BHL on well location tab. | 8/22/2012 11:16:19 AM |
| Permit | Returned to draft again. Plat attachment contains location pictures. Need to upload directional template. | 3/3/2012 1:09:18 PM |
| Permit | Returned to draft. Justin Carlile not a registered agent. Unable to open plat. Need directional template | 8/2/2012 11:28:00 AM |

Total: 11 comment(s)

BMP

Type

Comment

| <u>Type</u> | <u>Comment</u> |
|---------------------|----------------|
| Total: 0 comment(s) | |