

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

PluggingBond SuretyID

20100227

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 ☒

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: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
607 FNL 823 FEL 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

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	535-145	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

--	--

Total: 0 comment(s)