

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:

400429415

Date Received:

06/12/2013

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: (281)293-1499 Fax: (432)688-6019
Email: justin.carlile@conocophillips.com

7. Well Name: Murphy Family 4-63 31 Well Number: 2H

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

9. Proposed Total Measured Depth: 12230

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 36 Twp: 4S Rng: 64W Meridian: 6
Latitude: 39.655381 Longitude: -104.491844

Footage at Surface: 1580 feet FSL 249 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5915 13. County: ARAPAHOE

14. GPS Data:

Date of Measurement: 10/11/2012 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 _____
1321 FSL 480 FWL 1320 FSL 480 FEL
Sec: 31 Twp: 4S Rng: 63W Sec: 31 Twp: 4S Rng: 63W

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: 904 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2617 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	535-155	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):

Section 36, Township 4 South, Range 64 West: ALL AND Section 31, Township 4 South, Range 63 West: ALL

25. Distance to Nearest Mineral Lease Line: 480 ft 26. Total Acres in Lease: 1280

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	24+0/0	16+0/0	39.7	0	100	50	100	0
SURF	13+1/2	9+5/8	36	0	2112	870	2112	0
1ST	8+3/4	7+0/0	32	0	7953	540	7953	2012
1ST LINER	6+0/0	4+1/2	13.5	6943	12230			

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

33. Comments Cuttings will be taken by a certified transport company and disposed of at a certified disposal facility.

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: 6/12/2013 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: 9/13/2013

API NUMBER **05 005 07213 00** Permit Number: _____ Expiration Date: 9/12/2015

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.

COA Type	Description
	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.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
400429415	FORM 2 SUBMITTED
400431119	DIRECTIONAL DATA
400431167	DEVIATED DRILLING PLAN
400432701	WELL LOCATION PLAT

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Final Review	Off hold - questions answered.	9/13/2013 2:31:41 PM
Final Review	ON HOLD for lease information clarification	9/13/2013 6:47:00 AM
Permit	Final review completed. No LGD or public comments.	9/9/2013 2:41:03 PM
Engineer	evaluated offsets to 1100'	7/10/2013 6:48:44 PM
Engineer	changed to horizontal	7/10/2013 6:37:42 PM
Permit	This form has passed completeness.	6/14/2013 9:59:30 AM
Permit	Operator corrected BHL, #36, and spacing. Returned to draft. TOP is still incorrect.	6/13/2013 1:29:47 PM
Permit	Returned to draft. Requested TOP, BHL, #36, and spacing information.	6/13/2013 7:53:41 AM

Total: 8 comment(s)

Best Management Practices

No	BMP/COA Type	Description