

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400245266

Date Received:

01/26/2012

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 Well Number: 34-4H

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

9. Proposed Total Measured Depth: 11873

WELL LOCATION INFORMATION

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

Latitude: 39.652569

Longitude: -104.542089

Footage at Surface: 260 feet FNL/FSL 1448 feet FEL/FWL
FSL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5777 13. County: ARAPAHOE

14. GPS Data:

Date of Measurement: 11/19/2011 PDOP Reading: 2.3 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 1523 FWL 600 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: 260 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.)
Niobrara	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, N/2NE/4, SE/4NE/4, S/2

25. Distance to Nearest Mineral Lease Line: 600 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	670	2,010	0
1ST	8+3/4	7	26	0	7,947	520	7,947	2,020
1ST LINER	6+1/8	4+1/2	11.6	7029	11,838	251	11,838	7,029

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

33. Comments BHL will be within a 50' radius of stated landing point, while remaining in a legal location from the section and mineral lease lines.

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: Rhonda Rogers

Title: Staff Regulatory Tech Date: 1/26/2012 Email: rogerr@conocophillips.com

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: 3/13/2012

API NUMBER

05 005 07179 00

Permit Number: _____ Expiration Date: 3/12/2014

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) Provide 24 hour notice of MIRU to COGCC inspector Mike Hickey via e-mail at Mike.Hickey@state.co.us. Indicate Spud Notice in the subject line and provide the following information: Operator Name, Well Name and Number, API #, Spud Date, Contact Name, Contact Phone #, E-mail Address.
- 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
1771575	SURFACE CASING CHECK
400245266	FORM 2 SUBMITTED
400245439	WELL LOCATION PLAT
400245441	DRILLING PLAN
400245442	DEVIATED DRILLING PLAN
400245967	TOPO MAP
400245968	ACCESS ROAD MAP
400246079	DIRECTIONAL DATA
400246856	DIRECTIONAL DATA
400247022	DIRECTIONAL DATA

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comment received; final review completed.	3/12/2012 2:29:18 PM
Permit	The wellbore passes through two leases, in the S/2 and in the NW/4 both of which Marathon owns. Both leases are thereby committed to a voluntary unit. Section will be spaced as a 640. Application filed for March hearing.	2/29/2012 3:20:38 PM
Permit	On hold - Waiting on abnd loc for for first well proposed and approved in this section.	1/31/2012 3:20:01 PM
Permit	On hold - pending approval of spacing App. March 2012	1/31/2012 3:18:19 PM
Permit	Operator corrected directional template. This form has passed completeness.	1/30/2012 3:11:23 PM
Permit	Returned to draft. Operator answered 2b, #23, #31. Form still missing directional template and has an invalid API number.	1/30/2012 2:49:09 PM
Permit	Returned to draft at operators request.	1/30/2012 12:14:04 PM
Permit	Returned to draft. Missing 2b, plugging bond, #23 does not cover BHL, #31 missing, API number?, and directional template.	1/26/2012 9:46:30 AM

Total: 8 comment(s)

BMP

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

Total: 0 comment(s)