

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:

400293715

Date Received:

06/27/2012

PluggingBond SuretyID

20030009

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: NOBLE ENERGY INC

4. COGCC Operator Number: 100322

5. Address: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

6. Contact Name: Andrea Rawson Phone: (303)228-4253 Fax: (303)228-4286

Email: arawson@nobleenergyinc.com

7. Well Name: WWC Well Number: 01-09

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

9. Proposed Total Measured Depth: 8911

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 9 Twp: 1S Rng: 68W Meridian: 6

Latitude: 39.974730 Longitude: -105.005440

Footage at Surface: 1019 feet FNL/FSL 2303 feet FEL/FWL
FSL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5260 13. County: ADAMS

14. GPS Data:

Date of Measurement: 08/17/2007 PDOP Reading: 2.3 Instrument Operator's Name: Paul Tappy

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

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 275 ft

18. Distance to nearest property line: 300 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1525 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.)
Codell	CODL	407-87	320	S/2

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#: 20030012

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):

T1S, R68W, Sec 9:

25. Distance to Nearest Mineral Lease Line: 300 ft 26. Total Acres in Lease: 5

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	328	230	328	0
1ST	7+7/8	5+1/2	17,15	0	8,920	295	8,920	6,456
S.C. 1.1					1,060			270

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

33. Comments A form 2A is not required for this recompletion because no pit will be constructed and there will be no additional surface disturbance beyond the originally disturbed area.No conductor casing will be set.A Form 4 has already been sent in.

34. Location ID: 320299

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: Andrea Rawson

Title: Regulatory Specialist Date: 6/27/2012 Email: arawson@nobleenergyinc.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: Matthew Lee Director of COGCC Date: 8/22/2012

API NUMBER

05 001 08902 00

Permit Number: _____ Expiration Date: 8/21/2014

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.

Prior to recomple, operator must: 1) Verify existing cement with a cement bond log. 2) If it is not present as follows, provide remedial cement 1060' into the surface casing shoe. Verify remedial cement coverage with cement bond log.

Operator shall protect any onsite irrigation ditches and the adjacent irrigation pond from damage as a result of recomple operations. Flow through any irrigation ditches diverted or modified during the recomple shall be restored by operator during interim reclamation.

Attachment Check List

Att Doc Num	Name
1792496	CORRESPONDENCE
400293715	FORM 2 SUBMITTED

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	received sampling BMP and agreement on COA for ditches. Off hold - ready for final approval.	8/22/2012 9:58:20 AM
OGLA	on hold pending operator bmp for water sampling and irrigation ditch protection if necessary.	7/20/2012 3:03:02 PM
Permit	Received authorization from operator to changes miles to feet and Weld to Adams.	7/11/2012 1:38:26 PM
Permit	Requested authorization to change line #17 from 300 miles to 300 feet and from Weld county to Adams county.	7/11/2012 11:21:28 AM
Permit	Operator's comments no additional pad disturbance and no pit will be constructed.	7/11/2012 11:19:45 AM
Agency	<p>We have received notice of your intent to recomple WWC 01-09. We have some concerns about this workover. I work in the industry and do not want to give the impression that I am trying to block this work. Not the case at all, but we have some concerns. The well in question is literally on the bank of our irrigation reservoir. This raises three issues for us.</p> <p>First and foremost, I am very concerned about our reservoir being able to take any pressure that you may impose on it, both on the surface and sub surface as well. I don't believe that a 25000 surface bond would be sufficient to repair the reservoir if it incurs damage, and depending upon when this work is done, the damage may not even be discovered until next summer when irrigation begins.</p> <p>Along these same lines, our main ditches come off of this reservoir crossing the adjoining field. As you can imagine, the elevation/grade of these ditches are fairly precarious and any driving across them, or changes in the surrounding surface could alter the flow, which then services the majority of our irrigation share owners. I am not clear on the size/scope of this workover, but anything beyond a small workover rig, would almost necessarily have to sit on this area..... And again, any damages incurred might not even be discovered until next year.</p> <p>The final concern is the obvious, how will the concern of chemicals being introduced into our water table for irrigation be handled. Two of our main ditches directly feed from this reservoir and the to our individual properties where it is directly put onto grounds where livestock feed and in many cases, owners have water wells.</p> <p>If you could let us know your thoughts on these matters, I would appreciate it.</p>	7/9/2012 11:39:23 AM
OGLA	This well site is clearly located in Adams County and not Weld County. Adams County will approved all access points.	7/3/2012 6:36:29 AM

Total: 7 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Planning	Prior to any activity Noble Energy Inc. will sample the two nearest water wells per the COGA Voluntary Baseline Groundwater Quality Sampling Program, dated 11/15/2011. Results will be shared with both the water well owner and COGCC within three months of sample collection. Noble will collect an additional follow-up sample from the selected wells 3 years post re-completion, with data provided as stated above.

Total: 1 comment(s)