

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:

400370589

Date Received:

01/17/2013

PluggingBond SuretyID

20100017

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: ENCANA OIL & GAS (USA) INC

4. COGCC Operator Number: 100185

5. Address: 370 17TH ST STE 1700

City: DENVER State: CO Zip: 80202-5632

6. Contact Name: Erin Hochstetler Phone: (720)876-5827 Fax: ()

Email: erin.hochstetler@encana.com

7. Well Name: Zisch Well Number: 23-6

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

9. Proposed Total Measured Depth: 8325

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 6 Twp: 3N Rng: 68W Meridian: 6

Latitude: 40.248270 Longitude: -105.052810

Footage at Surface: 386 feet FSL 635 feet FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5163 13. County: WELD

14. GPS Data:

Date of Measurement: 12/12/2012 PDOP Reading: 2.0 Instrument Operator's Name: RICE

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 _____
1920 FSL 1992 FWL 1920 FSL 1992 FWL
Sec: 6 Twp: 3N Rng: 68W Sec: 6 Twp: 3N Rng: 68W

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: 366 ft

18. Distance to nearest property line: 386 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2841 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.)
CODELL	CODL	407-87	80	N/2SW/4
J SAND	JSND	232-23	320	S/2
NIOBRARA	NBRR	407-87	80	N/2SW/4

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):

T3N R68W Sec 6: S/2SW/4, South 5/8th's of N/2SW/4.

25. Distance to Nearest Mineral Lease Line: 386 ft 26. Total Acres in Lease: 127

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	8+5/8	24	0	840	160	840	0
1ST	7+7/8	4+1/2	11.6	0	8,324	180	8,324	7,229

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

33. Comments No conductor casing will be utilized. Encana requests the approval of a 318A(l).a.(1) exception location as the well head is to be located outside of a GWA drilling window. Request letter and waivers attached.

34. Location ID: 426694

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: Erin Hochstetler

Title: Permitting Technician Date: 1/17/2013 Email: erin.hochstetler@encana.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: 2/28/2013

API NUMBER: **05 123 36900 00** Permit Number: _____ Expiration Date: 2/27/2015

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.

Operator must meet water well testing requirements per Rule 318A.

- 1) Note surface casing setting depth change from 400' to 840'. Increase cement coverage accordingly.
- 2) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) Run and submit Directional Survey from TD to base of surface casing. The operator shall comply with Rule 321, and it shall be the operator's responsibility to 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
400370589	FORM 2 SUBMITTED
400370913	DEVIATED DRILLING PLAN
400370914	30 DAY NOTICE LETTER
400370915	MINERAL LEASE MAP
400370916	WELL LOCATION PLAT
400370923	DIRECTIONAL DATA
400371506	EXCEPTION LOC WAIVERS
400371510	EXCEPTION LOC REQUEST

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	2/28/2013 11:45:22 AM
Permit	Operator submitted Sundry to Abandon 123-34760 Zisch 3A-6H. No Exception Loc for Twinning letter and waiver needed. Changed distance to nearest well from 1217 to 2841 per operator. ok to pass.	2/5/2013 1:30:19 PM
Permit	Operator provided new spacing: Order: 407-87, Formation: Niobrara-Codell, Unit Acreage: 80, Legal Description: N/2SW/4. Amended location. Added Location ID # 426694 per operator.	1/28/2013 2:42:36 PM
Permit	ON HOLD: Requesting Exception Loc for Twinning letter and waiver. Requesting correction to spacing acreage & unit config.	1/28/2013 2:26:49 PM
Permit	Operator requests approval of a Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Request and Waiver attached.	1/28/2013 2:26:42 PM
Permit	Check for location id of form 2A. Form passes completeness.	1/18/2013 12:15:42 PM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)