

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



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Document Number:
2581370
Plugging Bond Surety
20020067

APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refilling
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: JEVIN CROTEAU Phone: (720)876-5339 Fax: (720)876-6339
Email: JEVIN.CROTEAU@ENCANA.COM

7. Well Name: IONE Well Number: 8-6-4

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

9. Proposed Total Measured Depth: 8012

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 4 Twp: 2N Rng: 66W Meridian: 6
Latitude: 40.163980 Longitude: -104.773880

Footage at Surface: 1516 ^{FNL/FSL} FSL 292 ^{FEL/FWL} FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4946 13. County: WELD

14. GPS Data:

Date of Measurement: 02/04/2010 PDOP Reading: 3.6 Instrument Operator's Name: CRAIG BURKE

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: ^{FNL/FSL} 1516 FSL 50 FEL ^{FEL/FWL} 1516 FSL 50 FEL
Sec: 4 Twp: 2N Rng: 66W 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: 152 ft

18. Distance to nearest property line: 292 ft 19. Distance to nearest well permitted/completed in the same formation: 710 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	160	GWA
J SAND	JSND	232-23	160	GWA
NIOBRARA	NBRR	407	160	GWA

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 Bon \$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):
 ALL OF SEC 2, S2 OF SEC 4, NE OF SEC 8 & E2 OF SEC 10, T2N, 66W

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 1680

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal: Offsite Onsite
 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	800	350	800	
1ST	7+7/8	4+1/2	11.6	8,012	280	8,012	6,944

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED SPACING UNIT IS E/2SE4 SEC 4, W/2SW4 SEC 3. LOCATION IS OUTSIDE THE DRILLING WINDOW AND IS MORE THAN 50' FROM AN EXISTING WELL. EXCEPTIONS GRANTED. RIG HEIGHT COA ADDED.

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: JEVIN CROTEAU

Title: REGULATORY ANALYST Date: 3/31/2010 Email: JEVIN.CROTEAU@ENCANA.C

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: David S. Nashin Director of COGCC Date: 5/10/2010

API NUMBER
05 123 31569 00

Permit Number: _____ Expiration Date: 5/9/2012

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.

RIG HEIGHT CANNOT EXCEED 101 FEET DUE TO CLOSE PROXIMITY OF OVERHEAD POWER LINE.

1) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. 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	Doc Description
2581370	APD ORIGINAL	LF@2443838 2581370
2581371	WELL LOCATION PLAT	LF@2443839 2581371
2581372	TOPO MAP	LF@2443871 2581372
2581373	MINERAL LEASE MAP	LF@2443872 2581373
2581374	SURFACE AGRMT/SURETY	LF@2443840 2581374
2581375	30 DAY NOTICE LETTER	LF@2443841 2581375
2581376	DEVIATED DRILLING PLAN	LF@2443842 2581376
2581377	EXCEPTION LOC REQUEST	LF@2443843 2581377
2581378	EXCEPTION LOC WAIVERS	LF@2443844 2581378

Total Attach: 9 Files