

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



DE ET OE ES

Document Number:
2558019
Plugging Bond Surety
20100017

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER And Gas
SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

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: NICK G. CURRAN Phone: (720)876-5288 Fax: (720)876-6288
Email: NICK.CURRAN@ENCANA.COM

7. Well Name: ELMQUIST Well Number: 21-23

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

9. Proposed Total Measured Depth: 8200

WELL LOCATION INFORMATION

10. QtrQtr: SEnw Sec: 23 Twp: 2N Rng: 68W Meridian: 6
Latitude: 40.126950 Longitude: -104.974000

Footage at Surface: 1641 FNL/FSL FNL 1614 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4917 13. County: WELD

14. GPS Data:

Date of Measurement: 05/10/2010 PDOP Reading: 2.5 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 510 FNL 2130 FWL FWL Bottom Hole: FNL/FSL 510 FNL 2130 FWL FWL
Sec: 23 Twp: 2N Rng: 68W Sec: 23 Twp: 2N 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: 949 ft

18. Distance to nearest property line: 996 ft 19. Distance to nearest well permitted/completed in the same formation: 1021 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	160	NW/4
J SAND	JSND	232-23	320	W/2
NIOBRARA	NBRR	407-87	160	NW/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 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):
NE/4 SEC 22 & NW/4 SEC 23-2N-68W

25. Distance to Nearest Mineral Lease Line: 454 ft 26. Total Acres in Lease: 320

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	750	320	750	0
1ST	7+7/8	4+1/2	11.6	8,200	280	8,200	7,145

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

33. Comments NO CONDUCTOR CASING WILL BE USED. Add the pluggin bond ID per Nick's consent. SF 6/21/10

34. Location ID: 336106

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: NICK G. CURRAN

Title: PERMITTING Date: 6/16/2010 Email: NICK.CURRAN@ENCANA.CO

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: 8/13/2010

API NUMBER 05 123 25819 00	Permit Number: _____	Expiration Date: <u>8/12/2012</u>
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 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 Shannon 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
1770462	SURFACE CASING CHECK	LF@2511713 1770462
2558019	APD ORIGINAL	LF@2492406 2558019
2558020	WELL LOCATION PLAT	LF@2492407 2558020
2558021	TOPO MAP	LF@2492445 2558021
2558022	MINERAL LEASE MAP	LF@2492446 2558022
2558023	SURFACE AGRMT/SURETY	LF@2492408 2558023
2558024	30 DAY NOTICE LETTER	LF@2492409 2558024
2558025	DEVIATED DRILLING PLAN	LF@2492410 2558025

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
Permit	PERMITTING PASSED . PVG	8/10/2010 6:00:10 PM

Total: 1 comment(s)

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