

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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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 ☒

 Refiling ☒
 Sidetrack ☐

Document Number:

1904326

Plugging Bond Surety

20050043

3. Name of Operator: ENCANA OIL & GAS (USA) INC 4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: NICK G.CURRAN Phone: (720)876-5288 Fax: (720)876-6288Email: nick.curran@encana.com7. Well Name: ELMQUIST Well Number: 21-238. Unit Name (if appl): -1 Unit Number: _____9. Proposed Total Measured Depth: 8239

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 23 Twp: 2N Rng: 68W Meridian: 6Latitude: 40.127040 Longitude: -104.974070
 Footage at Surface: 1605 FNL/FSL FNL 1594 FEL/FWL FWL
11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 4917 13. County: WELD

14. GPS Data:

Date of Measurement: 08/15/2008 PDOP Reading: 0.3 Instrument Operator's Name: TOM WINANS15. 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 94918. Distance to nearest property line: 1015 19. Distance to nearest well permitted/completed in the same formation: 1021

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	CDHL	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):
T2N-R68W OF THE 6TH P.M., SEC. 22: NE/4; SEC. 23: NW/4

25. Distance to Nearest Mineral Lease Line: _____ 510 _____ 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	8,239	280	8,239	7,159
			Stage Tool	5,163	210	5,163	4,278

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

33. Comments NO CONDUCTOR CASING WILL BE USED. TWINNING EXISTING ELMQUIST #1

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 AGENT Date: 5/4/2009 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 & Neslin Director of COGCC Date: 8/31/2009

API NUMBER

05 123 25819 00

Permit Number: 20092571

Expiration Date: 8/31/2010

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

Comment	User Name	Comment Date
Agency		
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. 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.		
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. 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.		07/23/2009

Attachment Check List

Att Doc Num	Name	Doc Description	Op. Check	File Size
1904326	APD ORIG & 1 COPY	LF@2048452 1904326	Y	
1904327	WELL LOCATION PLAT		Y	
1904328	TOPO MAP	LF@2048455 1904328	Y	
1904329	MINERAL LEASE MAP		Y	
1904330	30 DAY NOTICE LETTER	LF@2048453 1904330	Y	
1904331	DIRECTIONAL SURVEY	LF@2048456 1904331	Y	

Total Attach: 6 Files