

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:

400328417

Date Received:

09/19/2012

PluggingBond SuretyID

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: Jevin Croteau Phone: (720)876-5339 Fax: (720)876-6339

Email: jevin.croteau@encana.com

7. Well Name: Federal Well Number: 29-8 (PA-29)

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

9. Proposed Total Measured Depth: 7113

WELL LOCATION INFORMATION

10. QtrQtr: Lot1 Sec: 29 Twp: 7S Rng: 95W Meridian: 6

Latitude: 39.412627 Longitude: -108.015560

Footage at Surface: 1139 feet FNL 1115 feet FEL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 6192 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 04/06/2010 PDOP Reading: 0.0 Instrument Operator's Name: Ted Taggart

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
1862 FNL 1160 FEL 1862 FNL 1160 FEL
Sec: 29 Twp: 7S Rng: 95W Sec: 29 Twp: 7S Rng: 95W

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: 3500 ft

18. Distance to nearest property line: 1115 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 260 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.)
Williams Fork	WMFK	440-62	640	All

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC01523

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):

Lease description attached.

25. Distance to Nearest Mineral Lease Line: 1271 ft

26. Total Acres in Lease: 2535

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
CONDUCTOR	24	16	65	0	40	118	40	0
SURF	12+1/4	9+5/8	36	0	1,067	286	1,067	0
1ST	7+7/8	4+1/2	11.6	0	7,113	660	7,113	3,729

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

33. Comments _____

34. Location ID: 334983

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: 9/19/2012 Email: jevin.croteau@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: 10/17/2012

API NUMBER

05 045 21721 00

Permit Number: _____ Expiration Date: 10/16/2014

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.

(1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE GARFIELD COUNTY RULISON-FIELD NOTICE TO OPERATORS IS REQUIRED.

Attachment Check List

Att Doc Num	Name
400328417	FORM 2 SUBMITTED
400328420	LEGAL/LEASE DESCRIPTION
400328421	TOPO MAP
400328422	LEASE MAP
400328423	WELL LOCATION PLAT
400328424	FED. DRILLING PERMIT
400328425	DEVIATED DRILLING PLAN
400328888	DIRECTIONAL DATA

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
Permit	No LGD or public comments. Final Review--passed.	10/17/2012 1:55:04 PM
Permit	Added unit acres & configuration.	10/8/2012 1:33:45 PM
LGD	Passed DB	9/25/2012 2:51:35 PM
Engineer	THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 00 FEET DEEP. *A water well 155' deep is shown on the COGCC/COGIS map within a mile, but it is actually more than one-mile away. This is noted and described in the Form 2A.	9/21/2012 9:15:06 AM
Permit	Operator amended/corrected deviated drilling plan data values, excel spreadsheet and imported data. Operator amended/corrected question no. 10, footage at surface location to match well location plat (1139' FNL).	9/20/2012 9:56:05 PM
Permit	Return to Draft: 1. Deviated drilling plan data values do not match deviated drilling data excel spreadsheet or the imported deviated drilling data. 2. Question No. 10, footage at surface (1139' FSL) does not match well location plat.	9/19/2012 10:12:01 PM

Total: 6 comment(s)

BMP

Type	Comment

Total: 0 comment(s)