

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:

400320925

Date Received:

09/13/2012

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) INC4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: Erin Hochstetler Phone: (720)876-5827 Fax: ()Email: erin.hochstetler@encana.com7. Well Name: N. Parachute Well Number: WF04B-30 I25596

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

9. Proposed Total Measured Depth: 10687

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 25 Twp: 5S Rng: 96W Meridian: 6Latitude: 39.584789 Longitude: -108.109478

Footage at Surface: 2143 feet FNL/FSL 245 feet FEL/FWL
 FSL FEL

11. Field Name: Grand Valley Field Number: 3129012. Ground Elevation: 5824 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 11/08/2011 PDOP Reading: 2.2 Instrument Operator's Name: Robert Kay15. 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
678 FNL 258 FWL 678 FNL 258 FWL
 Sec: 30 Twp: 5S Rng: 95W Sec: 30 Twp: 5S Rng: 95W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 600 ft18. Distance to nearest property line: 4784 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 278 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.)
Iles	ILES	510-62		
Williams Fork	WMFK	510-13		

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC6023422. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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):

T5S R95W: SEC 30 LOT 2 (40.00 NWNW), LOT 3 (21.49 NWNW), LOT 4 (18.78 SWNW), LOT 5 (2.78 SWNW), LOT 6 (40.00 SWNW), LOT 8 (40.00 NESW), LOT 9 (40.00 NWSW), LOT 10 (14.95 NESW), LOT 11 (6.67 NWSW), LOT 12 (3.48 SWSW), LOT 13 (18.21 SWSW), LOT 14 (40.00 SWSW), LOT 15 (40.00 SESW) W2SE, NESE

25. Distance to Nearest Mineral Lease Line: 258 ft

26. Total Acres in Lease: 614

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: Recycle & Bury

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	26	16	line pipe	0	120	0	120	0
SURF	12+1/4	9+5/8	36	0	1,800	368	1,800	0
2ND	8+3/4	7+7/8	12	0	10,686	795	10,686	

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

33. Comments Production casing hole size will be either 8-3/4 or 7-7/8 and will be cemented 200' above the top of WMFK. Encana is the surface owner, therefore we do not need a surface owner's agreement.

34. Location ID: 335590

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: 9/13/2012 Email: erin.hochstetler@encana.co

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: 10/19/2012

API NUMBER

05 045 21729 00

Permit Number: _____ Expiration Date: 10/18/2014

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.

(3) 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 057 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400320925	FORM 2 SUBMITTED
400321015	WELL LOCATION PLAT
400321017	DEVIATED DRILLING PLAN
400323921	FED. DRILLING PERMIT
400327600	DIRECTIONAL DATA

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Removed plugging bond. Updated recently approved ILES spacing order. Changed surface location QQ to NESE to correspond to existing wells on this pad. No LGD or public comments. Final Review--passed.	10/18/2012 2:30:27 PM
LGD	Passed DB	9/19/2012 3:48:56 PM
Permit	Operator attached amended/corrected directional data excel spreadsheet, imported directional data and deviated drilling plan. All attachments match data values, well name and location.	9/17/2012 4:03:16 PM
Permit	Return to Draft: 1. Directional data excel spreadsheet does not match well name and directional drilling plan values. 2. Imported directional data does not match well name and directional drilling plan values. (WF08D-25)	9/16/2012 9:29:45 PM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)