

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:

400459503

Date Received:

07/30/2013

## 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

PluggingBond SuretyID

20100017

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: Amy Henline Phone: (720)876-3364 Fax: ()  
Email: amy.henline@encana.com

7. Well Name: N. Parachut Well Number: MF01D-9 O04 696

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

9. Proposed Total Measured Depth: 10923

## WELL LOCATION INFORMATION

10. QtrQtr: 9 Sec: 4 Twp: 6S Rng: 96W Meridian: 6

Latitude: 39.550517 Longitude: -108.108019

Footage at Surface: 1387 feet FNL/FSL FSL 1595 feet FEL/FWL FEL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 6024 13. County: GARFIELD

### 14. GPS Data:

Date of Measurement: 02/11/2008 PDOP Reading: 2.1 Instrument Operator's Name: Robert Kay

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

Footage at Top of Prod Zone: FNL/FSL 1243 FNL 951 FEL FEL Bottom Hole: FNL/FSL 1243 FNL 951 FEL FEL  
Sec: 9 Twp: 6S Rng: 96W Sec: 9 Twp: 6S Rng: 96W

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: 2550

18. Distance to nearest property line: 2465 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 675 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	510-53	11510	

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 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):

See original APD for mineral lease map. Encana owns both surface and minerals.

25. Distance to Nearest Mineral Lease Line: 4410 ft 26. Total Acres in Lease: 25889

### 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	90	134	90	0
SURF	12+1/4	9+5/8	36	0	1500	288	1500	0
1ST	7+7/8	4+1/2	12	0	10923	590	10923	

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

33. Comments This is a refile 05-045-18803. Encana owns both the surface and the minerals. #17 is from the nearest public road. The size of the production hole is both 8-3/4" and 7-7/8". Conductor and surface cement will be run to surface. Production casing will be set to more than 200' above TOG. There are no changes from previous APD.

34. Location ID: 414231

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: Amy Henline

Title: Permitting Analyst Date: 7/30/2013 Email: amy.henline@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: 8/30/2013

API NUMBER: **05 045 18803 00** Permit Number: \_\_\_\_\_ Expiration Date: 8/29/2015

#### 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.

<b>COA Type</b>	<b>Description</b>
	(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) CEMENT ON PRODUCTION CASING MUST BE A MINIMUM OF 200' ABOVE THE TOP OF THE MESA-VERDE FORMATION (OR 200' ABOVE THE OHIO CREEK FORMATION IF PRESENT). CEMENT TOP VERIFICATION BY CBL IS REQUIRED.
	Passes Completeness. Added comment " There are no changes from previous APD," and changed distance to lease line and spacing acres with Operator consent. 2A is valid through 9/13/14.

**Applicable Policies and Notices to Operators**

Piceance Rulison Field - Notice to Operators.
NW Colorado Notification Policy.

**Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
400459503	FORM 2 SUBMITTED
400459569	WELL LOCATION PLAT
400459570	DEVIATED DRILLING PLAN
400459658	DIRECTIONAL DATA

Total Attach: 4 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Agency	Passes Permitting.	8/30/2013 8:02:57 AM
LGD	pass, gdb	8/19/2013 4:03:53 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.	8/9/2013 12:44:34 PM

Total: 3 comment(s)

**Best Management Practices**

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>