

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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Document Number:

400078707

Plugging Bond Surety

20100017

## 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 ☐

3. Name of Operator: ENCANA OIL &amp; 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: MIRACLE PFISTER Phone: (720)876-3761 Fax: (720)876-4861

Email: miracle.pfister@encana.com

7. Well Name: FEDERAL SAVAGE Well Number: 11-4A (RD11)

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

9. Proposed Total Measured Depth: 8670

## WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 11 Twp: 7S Rng: 94W Meridian: 6

Latitude: 39.457530 Longitude: -107.859190

Footage at Surface: 1032 FNL/FSL 1218 FEL/FWL  
FNL FWL

11. Field Name: RULISON Field Number: 75400

12. Ground Elevation: 6384 13. County: GARFIELD

## 14. GPS Data:

Date of Measurement: 09/02/2009 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  
240 FNL 660 FWL 240 FNL 660 FWL  
Sec: 11 Twp: 7S Rng: 94W Sec: 11 Twp: 7S Rng: 94W
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: 1056 ft

18. Distance to nearest property line: 1032 ft 19. Distance to nearest well permitted/completed in the same formation: 425 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	139-99		
WILLIAMS FORK	WMFK	139-99		

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):  
T7S-R94W 6TH SEC 11: LOTS 3, 4, S2NW, SW

25. Distance to Nearest Mineral Lease Line: 240 ft 26. Total Acres in Lease: 313

### 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
CONDUCTOR	24	16	LINEPIPE	40	5	40	0
SURF	12+1/4	9+5/8	36	1,110	357	1,110	0
1ST	8+3/4	4+1/2	11.6	8,670	566	8,670	0

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

33. Comments TOP OF CEMENT FOR THE PRODUCTION CEMENT WILL BE 500' ABOVE THE TOG. THE CLOSEST UTILITY IS 1056'. THIS PAD IS ON BLM SURFACE AND A SUNDRY TO OCCUPY SURFACE HAS BEEN APPROVED BY THE BLM. A 2A FORM IS NOT REQUIRED BECAUSE THE FOLLOWING REQUIREMENT HAVE BEEN MET: 1. THE PAD HAS BEEN BUILT. 2. PITS HAVE BEEN CONSTRUCTED. 3. NO ADDITIONAL EXPANSION OR SURFACE DISTURBANCE IS REQUIRED TO DRILL THESE WELLS. 4. THE LOCATION DOES NOT REQUIRE A VARIANCE FROM THE RULES LISTED IN 306.d.(1).(A).(ii). 5. THE LOCATION IS NOT IN A WILDLIFE RESTRICTED SURFACE OCCUPANCY AREA.

34. Location ID: \_\_\_\_\_

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: MIRACLE PFISTER

Title: REGULATORY ANALYST Date: \_\_\_\_\_ Email: miracle.pfister@encana.com

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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**API NUMBER**

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**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.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400078824	PLAT	Federal Savage 11-4A (RD-11) Plat September 2, 2009-8.pdf
400078825	DEVIATED DRILLING PLAN	Pages from EnCana SP (RD11 Pad) Federal Savage 11-4A Plan #1.pdf
400078826	OTHER	RD11 BLM RIGHT OF WAY 8.27.08.pdf

Total Attach: 3 Files