

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:

400081318

Plugging Bond Surety

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: MIRACLE PFISTER Phone: (720)876-3761 Fax: (720)876-4861
Email: miracle.pfister@encana.com

7. Well Name: ROSE RANCH Well Number: 23-6B1 (A22W)

8. Unit Name (if appl): HUNTER MESA Unit Number: COC 55972E

9. Proposed Total Measured Depth: 10138

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 22 Twp: 7S Rng: 93W Meridian: 6

Latitude: 39.436328 Longitude: -107.752811

Footage at Surface: 770 FNL/FSL FNL 429 FEL/FWL FEL

11. Field Name: MAMM CREEK Field Number: 52500

12. Ground Elevation: 6789.7 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 05/25/2010 PDOP Reading: 2.0 Instrument Operator's Name: CD SLAUGH

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

Footage at Top of Prod Zone: FNL/FSL 1825 FNL 1455 FWL 1825 FNL 1455 FWL
Sec: 23 Twp: 7S Rng: 93W Sec: 23 Twp: 7S Rng: 93W

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: 215 ft

18. Distance to nearest property line: 266 ft 19. Distance to nearest well permitted/completed in the same formation: 444 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			
WILLIAMS FORK	WMFK			

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):
T7S-R93W SECTION 22: SE SECTION 23: NWNE, E2NW, SWNW, NWSW SECTION 27: NENE, W2NE, E2NW, NWSE, NESW

25. Distance to Nearest Mineral Lease Line: 776 ft 26. Total Acres in Lease: 640

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	1,566	399	1,566	0
1ST	8+3/4	4+1/2	11.6	10,138	824	10,138	0

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

33. Comments TOP OF CEMENT FOR THE PRODUCTION CASING WILL BE 500' ABOVE TOG. THE NEAREST ABOVE GROUND UTILITY IS 215'.

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: 8/2/2010 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: David S. Neslin Director of COGCC Date: 10/5/2010

API NUMBER

05 045 20009 00

Permit Number: _____ Expiration Date: 10/4/2012

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) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

3) NEW MAMM CREEK FIELD NOTICE TO OPERATORS APPLIES TO THIS WELL. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

4) 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 94 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
1791813	CORRESPONDENCE	LF@2597290 1791813
400081318	FORM 2 SUBMITTED	LF@2516779 400081318
400081326	DEVIATED DRILLING PLAN	LF@2516780 400081326
400081328	PLAT	LF@2516781 400081328
400081329	30 DAY NOTICE LETTER	LF@2516782 400081329
400081330	SURFACE AGRMT/SURETY	LF@2516783 400081330

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	The distance to the nearest lease line was accidentally copied over to the distance to the nearest property line on the spreadsheet and give us to fill out the permit. Than I did not catch it when I submitted the permits for the A22W. The following are the correct nearest distances for the property line for each well: Rose Ranch Fee 23-6B1 (A22W) Doc # 400081318 Distance to Property line 266 I will give you a call to see if there is anything else that is needed! Thanks, Miracle Pfister	9/24/2010 2:41:30 PM
Permit	WO inf. from operator. Requested verification of distance to nearest property line 775' seems too far, also asked about the waiver request letter to BLM for the SHL within 600' of the Federal Unit boundaries.	9/9/2010 8:29:10 AM

Total: 2 comment(s)

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