

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



DE ET OE ES

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 ☒

Refilling ☐
Sidetrack ☐

Document Number:

400005628

Plugging Bond Surety

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: 28-11 (PL28NW)

8. Unit Name (if appl): Place Mesa Unit Number: Pending

9. Proposed Total Measured Depth: 9463

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 28 Twp: 9S Rng: 96W Meridian: 6

Latitude: 39.243207 Longitude: -108.112173

Footage at Surface: 1520 feet FNL/FSL FSL 1874 feet FEL/FWL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 6089 13. County: MESA

14. GPS Data:

Date of Measurement: 07/09/2009 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 505 FSL 1081 FEL/FWL FWL Bottom Hole: FNL/FSL 505 FSL 1081 FEL/FWL FWL
Sec: 28 Twp: 9S Rng: 96W Sec: 28 Twp: 9S 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: 1000 ft

18. Distance to nearest property line: 1700 ft 19. Distance to nearest well permitted/completed in the same formation: 12461 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.)
Dakota-Cedar Mountain	DK-CM	347-5	320	S2
Frontier	FRTR			
Mancos	MNCS			
Mesaverde	MVRD			
Mowry	MWRY			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC071266

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):
 NWNW of Sec. 25, N2NE of Sec. 26, N2N2 of Sec. 27, All of Sec. 28, NENW of Sec. 29 & N2NE, NW, N2SW, Lots 1&2 of Sec. 33, T9S, R96W.

25. Distance to Nearest Mineral Lease Line: 1081 ft 26. Total Acres in Lease: 1369

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	20	.25" WALL		40	4	40	0
SURF	12+1/4	9+5/8	36		1,420	381	1,420	0
1ST	7+7/8	4+1/2	11.6		9,463	1,351	9,463	989

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

33. Comments _____

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: Jevin Croteau

Title: REGULATORY ANALYST Date: 9/17/2009 Email: jevin.croteau@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. Nesline Director of COGCC Date: 2/18/2011

API NUMBER

05 077 10150 00

Permit Number: _____ Expiration Date: 2/17/2013

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) 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 000 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400005628	FORM 2 SUBMITTED
400119209	WELL LOCATION PLAT
400119210	TOPO MAP
400119211	DEVIATED DRILLING PLAN
400119218	FED. DRILLING PERMIT

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Okay than lets put Order 347-5 for the Dakota, Unit size of 320 acres and the S2 as the unit configuration for know. Please let me know if you need anything else. Thanks, Jevin	2/3/2011 8:54:16 AM
Permit	Requested insertion of existing spacing order for Dakota. 347-5 refers to 347-2, 320 ac unit.	2/3/2011 6:22:36 AM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)