

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:

400116846

Plugging Bond Surety

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 & 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: Heather Mitchell Phone: (720)876-3070 Fax: (720)876-4070  
Email: heather.mitchell@encana.com

7. Well Name: FF Well Number: DH04A-17 L16498

8. Unit Name (if appl): Big Jimmy Unit Number: COC74105X

9. Proposed Total Measured Depth: 16399

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 16 Twp: 4S Rng: 98W Meridian: 6

Latitude: 39.701467 Longitude: -108.401153

Footage at Surface: 2653 feet FNL/FSL FNL 1353 feet FEL/FWL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 8181 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 06/23/2008 PDOP Reading: 1.7 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 2357 FNL 602 FWL 500 FNL 1133 FWL 500  
Sec: 16 Twp: 4S Rng: 98W Sec: 17 Twp: 4S Rng: 98W

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: 167 ft

18. Distance to nearest property line: 13 ft 19. Distance to nearest well permitted/completed in the same formation: 8193 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.)
Mancos	MNCS		90185	

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC56835

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):  
4S-98W, 6th P.M. Sec. 11: NE, SW Sec. 15: N2, N2SW, NWSE Sec. 16: N2, N2S2, S2SW, SWSE

25. Distance to Nearest Mineral Lease Line: 500 26. Total Acres in Lease: 1360

### 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: Recycle and 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	30	20	Linepipe	0	120		120	0
SURF	16	10+3/4	40.5#	0	3,000	1,630	3,000	0
2ND	9+7/8	7+5/8	26.4#		8,500	456	8,500	
3RD	6+1/2	5+1/2	20#		16,400	636	16,400	

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

33. Comments BLM owns surface and minerals. Distance in # 17 is calculated from the nearest public road. Conductor and surface casing will be run to surface. Intermediate casing (2nd String) is set 500' above the TOG. The production String (3rd String) is tapered and is 5 1/2" and 4 1/2". Top of production cement will be 500' into the intermediate casing. This is a horizontal well with a KOP of 10189'.

34. Location ID: 420957

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: Heather Mitchell

Title: Regulatory Analyst Date: 1/5/2011 Email: heather.mitchell@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: 1/27/2011

Permit Number: \_\_\_\_\_ Expiration Date: 1/26/2013

**API NUMBER**

05 103 11514 00

**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) CEMENT-TOP VERIFICATION BY CBL 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 00 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name
400116846	FORM 2 SUBMITTED
400120119	TOPO MAP
400120121	MINERAL LEASE MAP
400120122	OTHER
400120123	PLAT
400120124	DEVIATED DRILLING PLAN

Total Attach: 6 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

**BMP**

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

Total: 0 comment(s)