

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:

2557686

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: DEANNE SPECTOR Phone: (303)623-2300 Fax: (303)623-2400
Email: 20100017DEANNE.SPECTOR@ENCANA.COM

7. Well Name: ORCHARD UNIT Well Number: 10-11H (J10OUB)

8. Unit Name (if appl): ORCHARD Unit Number: 66496X

9. Proposed Total Measured Depth: 12435

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 10 Twp: 8S Rng: 96W Meridian: 6

Latitude: 39.361130 Longitude: -108.094360

Footage at Surface: 1459 FNL/FSL FSL 2450 FEL/FWL FEL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 5740 13. County: MESA

14. GPS Data:

Date of Measurement: 01/06/2009 PDOP Reading: 2.4 Instrument Operator's Name: ROD MOORE

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

Footage at Top of Prod Zone: FNL/FSL 1491 FSL 2483 FEL 201 FEL/FWL 516 FEL 201 FNL 516 FEL 201
Sec: 16 Twp: 8S Rng: 96W Sec: 16 Twp: 8S 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: 1140 ft

18. Distance to nearest property line: 1111 ft 19. Distance to nearest well permitted/completed in the same formation: 1000 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			
MANCOS	MNCS			
WILLIAMS FORK	WMFK			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: 58674

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 ATTACHED LEASE DESCRIPTION.

25. Distance to Nearest Mineral Lease Line: 3321 ft 26. Total Acres in Lease: 2439

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	20	.25	40	4	40	0
SURF	17+1/2	13.375	68	1,300	1,035	1,300	0
1ST	12+1/4	9+5/8	40	8,388	1,509	8,388	2,148
2ND	8+3/4	5+1/2	17	12,424	980	12,425	7,638

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

33. Comments _____

34. Location ID: 334149

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: DEANNE SPECTOR

Title: REGULATORY Date: 6/2/2010 Email: DEANNE.SPECTOR@ENCAN

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: 8/31/2010

API NUMBER 05 077 09754 00	Permit Number: _____ Expiration Date: <u>8/30/2012</u>
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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)24 HOUR NOTICE TO MOVE ON LOCATION REQUIRED. E-MAIL: Shaun.Kellerby@state.co.us

2)THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 380 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
2557685	LEASE MAP	LF@2485747 2557685
2557686	APD ORIGINAL	LF@2485748 2557686

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED DeAnne Spector approved the dist to nearest well and removing the plugging bond Added location id and commingle to no	8/23/2010 10:32:28 AM
Permit	Removed plugging bond Verifying distance to the nearest well at 1,000' with DeAnne Spector	8/20/2010 4:26:25 PM

Total: 2 comment(s)

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