

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
Document Number: 400208053			
PluggingBond SuretyID 20100017			

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

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: Jevin Croteau Phone: (720)876-5339 Fax: (720)876-6339
Email: jevin.croteau@encana.com
7. Well Name: Hittle Cattle Co Well Number: 12-12H (PL1NW)
8. Unit Name (if appl): Plateau Creek Unit Number: COC-74774X
9. Proposed Total Measured Depth: 15176

WELL LOCATION INFORMATION

10. QtrQtr: Lot4 Sec: 1 Twp: 10S Rng: 96W Meridian: 6
Latitude: 39.223699 Longitude: -108.059555

Footage at Surface: 306 feet FNL/FSL FNL 767 feet FEL/FWL FWL

11. Field Name: Plateau Field Number: 69300
12. Ground Elevation: 6009 13. County: MESA

14. GPS Data:

Date of Measurement: 02/09/2009 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 585 FNL 339 FWL 1975 FSL 182 FWL 1975
Sec: 1 Twp: 10S Rng: 96W Sec: 12 Twp: 10S 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: 675 ft

18. Distance to nearest property line: 306 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 800 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			

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):

T10S, R96W, Sec. 12, W2NW, NENW & NWNE & Sec. 1, Lot 4, SWNW & S2, containing 637.3 acres and Sec. 12, NWSW containing 40 acres. Plateau Creek (Deep) Unit map attached for reference.

25. Distance to Nearest Mineral Lease Line: 623 ft

26. Total Acres in Lease: 637

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	16	65	0	40	118	40	0
SURF	14+3/4	10+3/4	40.5	0	1,500	818	1,500	0
1ST	9+7/8	7+5/8	26.4	0	6,500	753	6,500	1,300
2ND	6+3/4	5	23.2	0	15,176	676	15,176	6,000

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

33. Comments _____

34. Location ID: 415778

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: 9/26/2011 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. Neslin

Director of COGCC Date: 11/18/2011

API NUMBER

05 077 10191 00

Permit Number: _____ Expiration Date: 11/17/2013

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) INTERMEDIATE CASING MUST BE CEMENTED INTO THE SURFACE CASING TO COMPLY WITH RULE 317.G. VERIFY BY CBL.

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 480 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400208053	FORM 2 SUBMITTED
400208075	WELL LOCATION PLAT
400208076	DEVIATED DRILLING PLAN
400208080	317B NOTIFICATION
400208081	TOPO MAP
400208082	LEASE MAP
400208560	30 DAY NOTICE LETTER

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	off hold--2A #400220433 (duplicate 2A) withdrawn; 2A #400208031 already approved. LGD/pub. comm. waived. Final Comprehensive Review Status--passed.	11/18/2011 7:54:49 AM
Permit	put on hold--OGLA waiting to see which 2A submitted is correct.	11/7/2011 10:43:35 AM
Permit	oper. advised loc. in Plateau Crk. Deep Unit COC 74774X. confirmed Sec. 1 & 12 in unit. ready to approve in permitting when 2A approved by OGLA & DOW exp. 11/5	10/18/2011 11:26:21 AM
Permit	emailed oper. that BHL does not meet statewide spacing rules	10/11/2011 11:36:41 AM
Permit	Returned to draft. Incorrect QtrQtr, missing question 24, Line 22b missing	9/27/2011 10:43:22 AM

Total: 5 comment(s)

BMP

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

Total: 0 comment(s)