

FORM
2

Rev
12/05

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400261390

Date Received:

04/19/2012

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

PluggingBond SuretyID

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: Erin Hochstetler Phone: (720)876-5827 Fax: ()

Email: erin.hochstetler@encana.com

7. Well Name: CB Well Number: DHS5B-32K296100

8. Unit Name (if appl): MUD SPRING Unit Number: COC 75452X

9. Proposed Total Measured Depth: 13807

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 29 Twp: 6S Rng: 100W Meridian: 6

Latitude: 39.503372 Longitude: -108.578289

Footage at Surface: 2136 feet FNL/FSL FSL 2357 feet FEL/FWL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 7033.9 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 01/25/2012 PDOP Reading: 1.8 Instrument Operator's Name: Ben Johnson

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

Footage at Top of Prod Zone: FNL/FSL 1611 FSL 1991 FWL 665 FEL/FWL 1966 FWL
Bottom Hole: FNL/FSL 665 FSL 1966 FEL/FWL 1966 FWL
Sec: 29 Twp: 6S Rng: 100 W Sec: 32 Twp: 6S Rng: 100 W

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: 6824 ft

18. Distance to nearest property line: 270 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1369 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):

T6S-R100W-Sec. 32: Tract 51 and other lands - end of BHL. other leases - COC 10374 - T6S-R100W-Sec. 29 - N/2SW/4 and Lots 7 and 8

25. Distance to Nearest Mineral Lease Line: 665 26. Total Acres in Lease: 1134

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: 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	line pipe	0	120	319	120	0
SURF	14+3/4	10+3/4	40.5	0	1,000	466	1,000	0
1ST	9+7/8	7+5/8	26.4	0	5,800	546	5,800	0
2ND	6+3/4	4+1/2	11.6	0	13,807	715	13,807	0

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

33. Comments QUESTION 17 REFERS TO NEAREST PUBLIC ROAD. The 2nd string casing size will be 4 1/2 or 5 1/2 tapered string, weighing 11.6 and 17 respectively.

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: Erin Hochstetler

Title: Permitting Technician Date: 4/19/2012 Email: erin.hochstetler@encana.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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:  Director of COGCC Date: 5/18/2012

API NUMBER
05 045 21491 00

Permit Number: _____ Expiration Date: 5/17/2014

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) PROVIDE CEMENT COVERAGE FROM THE INTERMEDIATE CASING SHOE TO A MINIMUM OF 200' ABOVE TOP OF GAS [OR OTHER SHALLOWEST-KNOWN PRODUCING HORIZON]. VERIFY CEMENT WITH A CEMENT BOND LOG.
- 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 000 FEET DEEP.

Attachment Check List

Att Doc Num	Name
1533101	OTHER
1533102	UNIT CONFIGURATION MAP
400261390	FORM 2 SUBMITTED
400264942	WELL LOCATION PLAT
400264943	DEVIATED DRILLING PLAN
400264944	DIRECTIONAL DATA

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	off hold--confirmed new unit designation, Mud Spring Unit, with BLM and attached unit configuration map. This location is more than 600' from unit boundary. LGD passed;pub. comments waived. Final Review--passed.	5/17/2012 9:36:31 AM
Permit	on hold pending receipt of new proposed fed. unit boundary.	5/16/2012 2:50:05 PM
LGD	Passed DB	5/14/2012 4:01:33 PM
Permit	Operator changed #22. This form has passed completeness.	4/24/2012 2:50:05 PM
Permit	Returned to draft. missing SUA.	4/19/2012 1:46:00 PM

Total: 5 comment(s)

BMP

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

Total: 0 comment(s)