

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:

400103649

Plugging Bond Surety

20100017

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: MIRACLE PFISTER Phone: (720)876-3761 Fax: (720)876-4861

Email: miracle.pfister@encana.com

7. Well Name: BENZEL Well Number: 6-11H (J12A)

8. Unit Name (if appl): HUNTER MESA Unit Number: COC 55972X

9. Proposed Total Measured Depth: 18095

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 12 Twp: 7S Rng: 93W Meridian: 6

Latitude: 39.458430 Longitude: -107.722600

Footage at Surface: 1911 feet ^{FNL/FSL} FSL 2345 feet ^{FEL/FWL} FEL

11. Field Name: MAMM CREEK Field Number: 52500

12. Ground Elevation: 6259 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 08/12/2010 PDOP Reading: 2.1 Instrument Operator's Name: JMT

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

Footage at Top of Prod Zone: ^{FNL/FSL} 1825 ^{FEL/FWL} FSL 110 ^{FNL/FSL} 1825 ^{FEL/FWL} FSL 110

Sec: 6 Twp: 7S Rng: 93W Sec: 6 Twp: 7S Rng: 92W

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: 1880 ft

18. Distance to nearest property line: 599 ft 19. Distance to nearest well permitted/completed in the same formation: 2187 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 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):
T7S-R-92W SEC 6: LOT3, E2SW

25. Distance to Nearest Mineral Lease Line: 110 ft 26. Total Acres in Lease: 98

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	linepipe	0	40	5	40	0
SURF	14+3/4	10+3/4	40.5	0	1,500	713	1,500	0
1ST	9+7/8	7+5/8	29.7	0	10,000	923	10,000	0
2ND	6+1/2	5	23.2	0	18,095	531	18,095	0

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

33. Comments THE CLOSEST DISTANCE IS TO A ROAD. TOP OF INTERMEDIATE CASING AND CEMENT will be a minimum of 500' ABOVE THE TOG. Listed as "first string". TOP OF PRODUCTION CASING AND CEMENT IS 500' INTO THE INTERMEDIATE CASING. Listed as "second string". This is a HZ well, but we will be drilling a vertical wellbore to the TD of 14082 to evaluate the reservoirs first (doc # 400094631).

34. Location ID: 421020

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: MIRACLE PFISTER

Title: REGULATORY ANALYST Date: 12/20/2010 Email: miracle.pfister@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

05 045 20326 01

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) NEW MAMM CREEK FIELD NOTICE TO OPERATORS APPLIES TO THIS WELL. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE
- 4) INTERMEDIATE CASING CEMENT TOP VERIFICATION BY CBL REQUIRED.
- 5) 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 216 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400103649	FORM 2 SUBMITTED
400118037	DEVIATED DRILLING PLAN
400118039	PLAT
400118040	30 DAY NOTICE LETTER
400118042	SURFACE AGRMT/SURETY

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	REQUESTED CLARIFICATION ON TOP AS IT WAS MARKED AS SAME FOOTAGE AS BHL BUT SHOWS TO BE A HORIZONTAL WELL. EMAILED MIRACLE. THIS IS A PILOT TO THE CEDAR MTN BUT NO VERTICAL APD HAS BEEN SUPPLIED AS OF YET.	1/10/2011 7:04:21 AM
Engineer	BHL information requested from operator	12/27/2010 3:17:20 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)