

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:
400021872
Plugging Bond Surety
20050043

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)876-6060
Email: miracle.pfister@encana.com
7. Well Name: GMR Well Number: 8-12C2 (K8W)
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 10203

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 8 Twp: 7S Rng: 93W Meridian: 6
Latitude: 39.457872 Longitude: -107.799954
Footage at Surface: 1840 FNL/FSL FSL 1907 FEL/FWL FWL
11. Field Name: MAMM CREEK Field Number: 52500
12. Ground Elevation: 7826 13. County: GARFIELD

14. GPS Data:
Date of Measurement: 09/29/2009 PDOP Reading: 0.0 Instrument Operator's Name: D. SLAUGH

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

Footage at Top of Prod Zone: FNL/FSL 1470 FSL 140 FWL 1470 FSL 140 FWL
Sec: 8 Twp: 7S Rng: 93W Sec: 8 Twp: 7S Rng: 93W

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: 3280 ft
18. Distance to nearest property line: 610 ft 19. Distance to nearest well permitted/completed in the same formation: 369 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	139-98	20	
WILLIAMS FORK	WMFK	139-98	10	

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-R93W 6TH PM SEC 4: LOTS 1, 2, E/2SW/4 SEC 8: S/2NW/4, N/2SW/4 SEC 9: E/2W/2, NW/4NE/4 SEC 16: SW/4NW/4, NW/4SW/4 SEC 17: E/2SE/4

25. Distance to Nearest Mineral Lease Line: 140 ft 26. Total Acres in Lease: 643

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	20	16	LINEPIPE	40	5	40	0
SURF	12+1/4	9+5/8	36	1,250	703	1,250	0
1ST	8+3/4	4+1/2	11.6	10,203	1,089	10,203	0

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

33. Comments EXISTING LOCATION WILL BE EXPANDED TO DRILL ADDITIONAL WELLS. TOP OF CEMENT FOR PRODUCTION CASING WILL BE 500' ABOVE TOG.

34. Location ID: 311645

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: 12/12/2009 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. Neslin Director of COGCC Date: 2/18/2010

API NUMBER: **05 045 19148 00** Permit Number: _____ Expiration Date: 2/17/2012

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 SPUD NOTICE REQUIRED. E-MAIL david.Andrews@state.co.us (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) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1. (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 320 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400021873	FORM 2 SUBMITTED	LF@2203500 400021873
400021874	PLAT	LF@2203501 400021874
400021875	SURFACE AGRMT/SURETY	LF@2203502 400021875
400021876	DEVIATED DRILLING PLAN	LF@2203503 400021876

Total Attach: 4 Files