

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:

1813946

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: MIRACLEPFISTER Phone: (720)876-3761 Fax: (720)876-6060

Email: MIRACLE.PFISTER@ENCANA.COM

7. Well Name: GMU Well Number: 33-11A (K33NW)

8. Unit Name (if appl): GRASS MESA Unit Number: COC56608E

9. Proposed Total Measured Depth: 10139

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 33 Twp: 6S Rng: 93W Meridian: 6

Latitude: 39.482358 Longitude: -107.783111

Footage at Surface: 2512 FNL/FSL 1754 FEL/FWL

11. Field Name: MAMM CREEK Field Number: 52500

12. Ground Elevation: 6618 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 12/11/2007 PDOP Reading: 4.1 Instrument Operator's Name: C.D. SLAUGH

15. If well is ☒ Directional ☐ Horizontal (highly deviated) submit deviated drilling plan.Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
2820 FSL 1950 FWL 2820 FSL 1980 FWL
Sec: 33 Twp: 6S Rng: 93W Sec: 33 Twp: 6S Rng: 93W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 470

18. Distance to nearest property line: 112 19. Distance to nearest well permitted/completed in the same formation: 495

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			
WILLIAMS FORK	WMFK			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: C-54737

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):
T6S-R93W SEC 26: NW/4, N/2SW/4, SE/4SW/4, SEC 27: E/2NE/4, NE/4SE/4, SW/4SE/4, SEC 28: SE/4SW/4, SEC 33: NW/4, W/2SW/4, SEC 34: SE/4NE/4, E/2SE/4, SEC 35: W/2NW/4, S/2SW/4

25. Distance to Nearest Mineral Lease Line: 195 26. Total Acres in Lease: 1000

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	16	LINEPIPE	40	5	40	0
SURF	12+1/4	9+5/8	36	1,100	355	1,100	0
1ST	7+7/8	4+1/2	11.6	10,139	833	10,139	

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

33. Comments THIS SURFACE LOCATION IS NOT IN A DRINKING WATER PROTECTION AREA, RESTRICTED SURFACE OCCUPANCY AREA OR RIPARIAN AREA. THIS LOCATION WAS CONSIDERED IN THE GRASS MESA GAP AND DOW CONSULTATION WAS DONE AT THAT TIME.

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: Y Print Name: MIRACLE PFISTER

Title: REGULATORY ANALYST Date: 7/8/2009 Email: MIRACLE.PFISTER@ENCANA

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 & Neslin Director of COGCC Date: 8/31/2009

Permit Number: _____ Expiration Date: 8/31/2010

API NUMBER

05 045 18716 00

CONDITIONS OF APPROVAL, IF ANY:**Condition of Approval**

Comment	User Name	Comment Date
Agency		
approve w/COA's: 1, 2, 3, 38, *300	jay krabacher	08/17/2009
CONDITIONS OF APPROVAL ENCANA GMU 33-11A (K33NW) 24 HOUR SPUD NOTICE REQUIRED. E-MAIL: david.andrews@state.co.us NEW GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE NEW MAMM CREEK FIELD NOTICE TO OPERATORS APPLIES TO THIS WELL. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE 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. 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 _300_ FEET DEEP. THE OPERATOR SHALL COMPLY WITH RULE 321. AND IT SHALL BE THE OPERATOR'S RESPONSIBILITY TO ENSURE THAT THE WELLBORE COMPLIES WITH SETBACK REQUIREMENTS IN COMMISSION ORDERS OR RULES PRIOR TO PRODUCING THE WELL. Special purpose pit shall be permitted in compliance with Rule 903.a.(2). Pit lining shall be in compliance with Rule 9034.a.(3). Pit closure shall be in compliance with rule 905.		08/20/2009

Attachment Check List

Att Doc Num	Name	Doc Description	Op. Check	File Size
1789215	WELL LOCATION PLAT	LF@2096387 1789215	Y	
1789216	MINERAL LEASE MAP	LF@2096388 1789216	Y	
1789217	SURFACE AGRMT/SURETY	LF@2096389 1789217	Y	
1789218	30 DAY NOTICE LETTER	LF@2096386 1789218	Y	
1789219	DEVIATED DRILLING PLAN	LF@2096390 1789219	Y	
1789220	FED. DRILLING PERMIT	LF@2096391 1789220	Y	
1808384	WAIVERS	LF@2136492 1808384	Y	
1808385	WAIVERS	LF@2136494 1808385	Y	
1808386	WAIVERS	LF@2136496 1808386	Y	
1813946	APD ORIG & 1 COPY	LF@2096384 1813946	Y	
1813947	EXCEPTION LOC REQUEST	LF@2096385 1813947	Y	

Total Attach: 11 Files