


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
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<b>APPLICATION FOR PERMIT TO:</b>			Document Number:  400177187  Plugging Bond Surety  20100017				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>ENCANA OIL &amp; GAS (USA) INC</u>		4. COGCC Operator Number: <u>100185</u>					
5. Address: <u>370 17TH ST STE 1700</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202-5632</u>							
6. Contact Name: <u>Heather Mitchell</u> Phone: <u>(720)876-3070</u> Fax: <u>(720)876-4070</u> Email: <u>heather.mitchell@encana.com</u>							
7. Well Name: <u>Benzel Federal</u>		Well Number: <u>24-15F (F25NWB)</u>					
8. Unit Name (if appl): <u>Grass Mesa Unit</u>		Unit Number: <u>COC-056608X</u>					
9. Proposed Total Measured Depth: <u>8631</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SENW</u> Sec: <u>25</u> Twp: <u>6S</u> Rng: <u>93W</u> Meridian: <u>6</u> Latitude: <u>39.500258</u> Longitude: <u>-107.726291</u>							
Footage at Surface: <u>1639</u> feet    FNL/FSL <u>FNL</u> 2072 feet    FEL/FWL <u>FWL</u>							
11. Field Name: <u>Mamm Creek</u>		Field Number: <u>52500</u>					
12. Ground Elevation: <u>5828</u>		13. County: <u>GARFIELD</u>					
14. GPS Data: Date of Measurement: <u>11/08/2010</u> PDOP Reading: <u>2.4</u> Instrument Operator's Name: <u>C.D. Slaugh</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:    FNL/FSL    FEL/FWL    Bottom Hole:    FNL/FSL    FEL/FWL <u>453</u> <u>FSL</u> <u>2588</u> <u>FEL</u> <u>453</u> <u>FSL</u> <u>2588</u> <u>FEL</u> Sec: <u>24</u> Twp: <u>6S</u> Rng: <u>93W</u> Sec: <u>24</u> Twp: <u>6S</u> Rng: <u>93W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>2002 ft</u>							
18. Distance to nearest property line: <u>601 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>400 ft</u>							
<b>LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
Williams Fork	WMFK						

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC-56035  
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):  
6S-93W; Sec. 21: S2NW, Sec. 24: NESW, S2SW, W2SE, Sec. 25: NWNE, Sec. 28: NENW  
25. Distance to Nearest Mineral Lease Line: 460 ft 26. Total Acres in Lease: 360

**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  
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.

If 28, 29, or 30 are "Yes" a pit permit may be required.

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	12+1/4	9+5/8	36	0	1,290	404	1,290	0
2ND	7+7/8	4+1/2	12	0	8,631	873	8,631	

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None  
33. Comments Distance in #17 is calculated from the nearest public road. Conductor and surface casing cement will be run to surface. Production casing will be cemented to 500' above TOG

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: Heather Mitchell  
Title: Regulatory Analyst Date: 6/20/2011 Email: heather.mitchell@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: 7/14/2011

**API NUMBER**

05 045 20874 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/13/2013

**CONDITIONS OF APPROVAL, IF ANY:**

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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) COMPLIANCE WITH THE NOTICE TO OPERATORS DRILLING WELLS IN THE BUZZARD, MAMM CREEK, AND RULISON FIELDS, GARFIELD COUNTY AND MESA COUNTY – PROCEDURES AND SUBMITTAL REQUIREMENTS FOR COMPLIANCE WITH COGCC ORDER NOS. 1-107, 139-56, 191-22, AND 369-2 (JULY 8, 2010) -- IS REQUIRED. SEE ATTACHED NOTICE.

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 520 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name
400177187	FORM 2 SUBMITTED
400177190	DEVIATED DRILLING PLAN
400177191	PLAT
400177192	SURFACE AGRMT/SURETY

Total Attach: 4 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed bhl footage direction to distance from east line. Also: ON HOLD: Verify mineral/fee ownership.	6/28/2011 8:51:56 AM
Permit	Location was corrected to indicate footage from west line of section. NKP	6/22/2011 4:40:47 PM
Permit	Reported latitude/longitude don't correspond to distance to east line of section. NKP	6/20/2011 5:28:33 PM

Total: 3 comment(s)

**BMP**

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

Total: 0 comment(s)