


<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
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number:  400177179  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>24-14A (F25NWB)</u>							
8. Unit Name (if appl): <u>Grass Mesa Unit</u> Unit Number: <u>COC-056608X</u>							
9. Proposed Total Measured Depth: <u>8735</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>39.500351</u> Longitude: <u>-107.726290</u>							
Footage at Surface: <u>1613</u> feet <u>FNL</u> <u>2064</u> feet <u>FWL</u>							
11. Field Name: <u>Mamm Creek</u> Field Number: <u>52500</u>							
12. Ground Elevation: <u>5829</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>818</u> <u>FSL</u> <u>2579</u> <u>FWL</u> <u>818</u> <u>FSL</u> <u>2579</u> <u>FWL</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>2017 ft</u>							
18. Distance to nearest property line: <u>609 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: 1429 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	1,310	410	1,310	0
2ND	7+7/8	4+1/2	12	0	8,735	875	8,735	

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None  
33. Comments Distance in #17 is from the nearest public road. Conductor and surface casing cement is run to surface. Production casing will be cemented 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 20871 00

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

**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.) 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 500 FEET DEEP.

2.) PRODUCTION CASING CEMENT TOP VERIFICATION BY CBL REQUIRED.

**Attachment Check List**

Att Doc Num	Name
400177179	FORM 2 SUBMITTED
400177183	SURFACE AGRMT/SURETY
400177184	DEVIATED DRILLING PLAN
400177186	PLAT

Total Attach: 4 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	On Hold: Verifying mineral/fee ownership.	6/28/2011 8:39:39 AM

Total: 1 comment(s)

**BMP**

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

Total: 0 comment(s)