


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		<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				
APPLICATION FOR PERMIT TO:			Document Number: 400140554 Plugging Bond Surety 20100017				
1. <input checked="" type="checkbox"/> Drill, <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 & 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>N. Parachute EMF</u> Well Number: <u>01C-20 F17 595</u>							
8. Unit Name (if appl): _____ Unit Number: _____							
9. Proposed Total Measured Depth: <u>12722</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SENW</u> Sec: <u>17</u> Twp: <u>5S</u> Rng: <u>95W</u> Meridian: <u>6</u> Latitude: <u>39.615111</u> Longitude: <u>-108.078956</u>							
Footage at Surface: <u>2177</u> feet FNL/FSL <u>FNL</u> <u>2384</u> feet FEL/FWL <u>FWL</u>							
11. Field Name: <u>Grand Valley</u> Field Number: <u>31290</u>							
12. Ground Elevation: <u>6319</u> 13. County: <u>GARFIELD</u>							
14. GPS Data: Date of Measurement: <u>09/21/2010</u> PDOP Reading: <u>3.7</u> Instrument Operator's Name: <u>Robert Kay</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL <u>648</u> <u>FNL</u> <u>224</u> <u>FEL</u> <u>648</u> <u>FNL</u> <u>224</u> <u>FEL</u> Sec: <u>20</u> Twp: <u>5S</u> Rng: <u>95W</u> Sec: <u>20</u> Twp: <u>5S</u> Rng: <u>95W</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>265 ft</u>							
18. Distance to nearest property line: <u>1636 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>227 ft</u>							
20. LEASE, SPACING AND POOLING INFORMATION							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well				
Williams Fork	WMFK	510-13	Unit Configuration (N/2, SE/4, etc.)				

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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):
Please see attached lease maps

25. Distance to Nearest Mineral Lease Line: 2829 ft 26. Total Acres in Lease: 25889

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

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Recycle and bury

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	26	16	Line pipe	0	120	117	120	0
SURF	12+1/4	9+5/8	36#	0	1,700	370	1,700	0
2ND	7+7/8	4+1/2	11.6#	0	12,722	592	12,722	

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

33. Comments Exxon owns surface and Encana owns minerals. # 17 is calculated from the nearest public road. Conductor and surface casing will be run to surface. The size of the production hole is both 8-3/4" and 7-7/8". Production casing is set 200' above the WMFK.

34. Location ID: 421011

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: 3/10/2011 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. Nesline Director of COGCC Date: 3/31/2011

API NUMBER

05 045 20569 00

Permit Number: _____ Expiration Date: 3/30/2013

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) 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) THE 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 00 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400140554	FORM 2 SUBMITTED
400140561	TOPO MAP
400140564	LEASE MAP
400140566	SURFACE AGRMT/SURETY
400140567	OTHER
400140568	DRILLING PLAN
400140569	PLAT

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	OPR notes: the PR CSG is above the WMFK. I think they meant PR CSG cement?	3/23/2011 9:20:35 AM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)