


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: <div style="text-align: center;">400134065</div> Plugging Bond Surety <div style="text-align: center;">20100017</div>				
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>Jevin Croteau</u> Phone: <u>(720)876-5339</u> Fax: <u>(720)876-6339</u> Email: <u>jevin.croteau@encana.com</u>							
7. Well Name: <u>Federal</u> Well Number: <u>31-5D (PF-31)</u>							
8. Unit Name (if appl): _____ Unit Number: _____							
9. Proposed Total Measured Depth: <u>6278</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SENW</u> Sec: <u>31</u> Twp: <u>7S</u> Rng: <u>95W</u> Meridian: <u>6</u> Latitude: <u>39.394830</u> Longitude: <u>-108.043770</u>							
Footage at Surface: <u>2370</u> feet FNL/FSL <u>FNL</u> <u>1378</u> feet FEL/FWL <u>FWL</u>							
11. Field Name: <u>Parachute</u> Field Number: <u>67350</u>							
12. Ground Elevation: <u>5834</u> 13. County: <u>GARFIELD</u>							
14. GPS Data: Date of Measurement: <u>03/15/2010</u> PDOP Reading: <u>0.0</u> Instrument Operator's Name: <u>Teg Taggart</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 <div style="display: flex; justify-content: space-around;"> <div> <u>2602</u> <u>FNL</u> <u>1116</u> <u>FWL</u> </div> <div> <u>2602</u> <u>FNL</u> <u>1116</u> <u>FWL</u> </div> </div> Sec: <u>31</u> Twp: <u>7S</u> Rng: <u>95W</u> Sec: <u>31</u> Twp: <u>7S</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>4100 ft</u>							
18. Distance to nearest property line: <u>1378 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>810 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	440-62	Unit Configuration (N/2, SE/4, etc.)				

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC27823

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):
Lots 3-6, W2NE, SENE, E2W2 & SE of Sec. 31, T7S, R95W.

25. Distance to Nearest Mineral Lease Line: 1116 ft 26. Total Acres in Lease: 593

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: _____

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	20	16	65	0	40	118	40	0
SURF	12+1/4	8+5/8	24	0	1,120	396	1,120	0
1ST	7+7/8	4+1/2	11.6	0	6,278	647	6,278	2,918

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

33. Comments _____

34. Location ID: 334085

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: Jevin Croteau

Title: Regulatory Analyst Date: 2/17/2011 Email: jevin.croteau@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: 3/22/2011

API NUMBER

05 045 20514 00

Permit Number: _____ Expiration Date: 3/21/2013

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 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.

(4) 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 00 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400134065	FORM 2 SUBMITTED
400134073	TOPO MAP
400134074	WELL LOCATION PLAT
400134076	DEVIATED DRILLING PLAN
400134716	FED. DRILLING PERMIT

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Issue: Line #19 says 380, it looks closer to 810'. Issue: line # 20 says Federal minerals but appears to be Fee minerals. Issue: line # 24 says 1116 but appears to be closer to 149'. Issue: as related to the mineral lease situation, line # 25 would possibly change. Issue: If it truly a Fee lease the attached Federal lease is inappropriate. Emailed Jevin. BLM layer map inaccurate EnCana supplied lease map from BLM to support the submitted values.	3/9/2011 8:11:43 AM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)