


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> Document Number: 400172208 Plugging Bond Surety	DE	ET	OE	ES
DE	ET	OE	ES				
APPLICATION FOR PERMIT TO:							
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 <u>SideTrack Horizontal</u> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input checked="" 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>2-6H (PL35NW)</u>					
8. Unit Name (if appl): <u>Kirkendall Flat</u>		Unit Number: <u>COC-74790X</u>					
9. Proposed Total Measured Depth: <u>16212</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SENW</u> Sec: <u>35</u> Twp: <u>9S</u> Rng: <u>94W</u> Meridian: <u>6</u> Latitude: <u>39.237160</u> Longitude: <u>-107.850941</u>							
Footage at Surface: <u>1325</u> feet <u>FNL</u> <u>2172</u> feet <u>FNL</u>							
11. Field Name: <u>Brush Creek</u>		Field Number: <u>7562</u>					
12. Ground Elevation: <u>7519</u>		13. County: <u>MESA</u>					
14. GPS Data: Date of Measurement: <u>01/18/2011</u> PDOP Reading: <u>0.0</u> Instrument Operator's Name: <u>Ted Taggart</u>							
15. If well is <input type="checkbox"/> Directional <input checked="" 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>1325</u> <u>FNL</u> <u>2172</u> <u>FWL</u> <u>2220</u> <u>FNL</u> <u>2302</u> <u>FWL</u> Sec: <u>35</u> Twp: <u>9S</u> Rng: <u>94W</u> Sec: <u>2</u> Twp: <u>10S</u> Rng: <u>94W</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>3800 ft</u>							
18. Distance to nearest property line: <u>32 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>25200 ft</u>							
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.)			
Mancos	MNCS						

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC64798

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):

In the Kirkendall Flats (Deep) Unit, approved on May 26th, 2011. Unit map attached for reference.

25. Distance to Nearest Mineral Lease Line: 32 ft 26. Total Acres in Lease: 1643

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: _____

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

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	24	16	65	0	40	118	40	0
SURF	14+3/4	10+3/4	40.5	0	1,500	818	1,500	0
1ST	9+7/8	7+5/8	26.4	0	8,000	848	8,000	3,302
2ND	6+3/4	5	23.2	0	16,212	894	16,212	4,066

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

33. Comments This well will be drilled as a plug back horizontal well with the SHL on Lease COC-64797 and the BHL located on Lease COC-64798. The well will be completed in and produce from both leases which fall within the Kirkendall Flats (Deep) Unit which was recently approved by the BLM on May 20, 2011.

34. Location ID: 424424

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: 6/7/2011 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: 7/24/2011

Permit Number: _____ Expiration Date: 7/23/2013

API NUMBER

05 077 10163 01

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) 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.

(3) PROVIDE CEMENT COVERAGE FROM THE INTERMEDIATE CASING SHOE TO A MINIMUM OF 200' ABOVE WILLIAMS FORK. VERIFY CEMENT WITH A CEMENT BOND LOG.
CBL ALSO REQUIRED IF PRODUCTION STRING IS CEMENTED.

(4) 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
400172208	FORM 2 SUBMITTED
400172210	WELL LOCATION PLAT
400172211	DEVIATED DRILLING PLAN
400172212	MINERAL LEASE MAP
400172602	FED. DRILLING PERMIT

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	This pad is on both federal and fee surface. There is a SUA with the fee surface interest.	7/11/2011 4:52:03 PM
Permit	Added commingle as no Changed QQ to match Well Location Plat, field to Brush Creek, elevation to 7519', county to Mesa, and distance to property to 32' to match previously approved OGLA	7/11/2011 4:32:33 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)