

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



DE ET OE ES

Document Number:  
400162482  
Plugging Bond Surety

APPLICATION FOR PERMIT TO:

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

Refiling   
Sidetrack

3. Name of Operator: ENCANA OIL & GAS (USA) INC 4. COGCC Operator Number: 100185

5. Address: 370 17TH ST STE 1700  
City: DENVER State: CO Zip: 80202-5632

6. Contact Name: Jevin Croteau Phone: (720)876-5339 Fax: (720)876-6339  
Email: jevin.croteau@encana.com

7. Well Name: Federal Well Number: 19-16BB (PA-30)

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 6729

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 30 Twp: 7S Rng: 95W Meridian: 6

Latitude: 39.414180 Longitude: -108.031680

Footage at Surface: 524 feet FNL 413 feet FEL  
FNL/FSL FEL/FWL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 5806 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 03/17/2010 PDOP Reading: 0.0 Instrument Operator's Name: Ted Taggart

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
248 FSL 1165 FEL 248 FSL 1165 FEL  
Sec: 19 Twp: 7S Rng: 95W Sec: 19 Twp: 7S Rng: 95W

16. Is location in a high density area? (Rule 603b)?  Yes  No

17. Distance to the nearest building, public road, above ground utility or railroad: 3500 ft

18. Distance to nearest property line: 905 ft 19. Distance to nearest well permitted/completed in the same formation: 700 ft

20. 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Williams Fork          | WMFK           | 440-52                  |                               |                                      |

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: COC01523

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):

25. Distance to Nearest Mineral Lease Line: 178 ft 26. Total Acres in Lease: 2536

### 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   | 24           | 16             | 65    | 0             | 40            | 118       | 40      | 0       |
| SURF        | 12+1/4       | 9+5/8          | 36    | 0             | 1,006         | 270       | 1,006   | 0       |
| 1ST         | 7+7/8        | 4+1/2          | 11.6  | 0             | 6,729         | 632       | 6,729   | 3,482   |

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

33. Comments \_\_\_\_\_

34. Location ID: 334663

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: 5/5/2011 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. Nashin Director of COGCC Date: 6/16/2011

**API NUMBER**  
05 045 20787 00

Permit Number: \_\_\_\_\_ Expiration Date: 6/15/2013

**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 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.

(2) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

(3) PRODUCTION CASING CEMENT TOP VERIFICATION BY CBL REQUIRED.

(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 176 FEET DEEP.

### Attachment Check List

| Att Doc Num | Name                    |
|-------------|-------------------------|
| 400162482   | FORM 2 SUBMITTED        |
| 400162483   | TOPO MAP                |
| 400162484   | LEGAL/LEASE DESCRIPTION |
| 400162486   | WELL LOCATION PLAT      |
| 400162488   | DEVIATED DRILLING PLAN  |
| 400162489   | FED. DRILLING PERMIT    |

Total Attach: 6 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>   | <u>Comment Date</u>     |
|-------------------|--|-------------------------|
| Permit            | pushed back to operator. requesting completion of line 25: distance to nearest mineral lease line & line 26: total acres in lease. now ok by me. dhs | 5/6/2011<br>10:59:39 AM |

Total: 1 comment(s)

### BMP

| <u>Type</u> | <u>Comment</u> |
|-------------|----------------|
|             |                |

Total: 0 comment(s)