

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

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

Document Number:

400022821

Plugging Bond Surety

20090117

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: DeAnne Spector Phone: (720)876-5826 Fax: (720)876-6060  
Email: deanne.spector@encana.com

7. Well Name: Nichols Well Number: 31-11 (PL31SW)

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

9. Proposed Total Measured Depth: 9300

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 31 Twp: 9S Rng: 95W Meridian: 6

Latitude: 39.230360 Longitude: -108.037740

Footage at Surface: 2141 FSL 1786 FWL

11. Field Name: Plateau Field Number: 69300

12. Ground Elevation: 5911 13. County: MESA

14. GPS Data:

Date of Measurement: 10/21/2009 PDOP Reading: 1.0 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  
2141 FSL 1786 FWL 2141 FSL 1786 FWL  
Sec: 31 Twp: 9S Rng: 95W Sec: 31 Twp: 9S 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: 11 mi

18. Distance to nearest property line: 622 ft 19. Distance to nearest well permitted/completed in the same formation: 1126 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.)
Dakota	DKTA			
Frontier	FRTR			
Iles	ILES			
Mancos	MNCS			
Morrison	MRSN			
Niobrara	NBRR			
Williams Fork	WMFK			

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):  
T9S-R95W 6th PM, Sec 31: 3, 4,,E/2SW/4; T9S-R96W 6th PM, Sec 36: Lots 3, 6, 7, NW/4SE/4

25. Distance to Nearest Mineral Lease Line: 622 26. Total Acres in Lease: 326

### 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

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.

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	24+0/0	20+0/0	.25 wall	40	4	40	0
SURF	12+1/4	9+5/8	40	1,500	462	1,500	0
1ST	8+1/2	5+1/2	17	9,300	1,587	9,300	1,500

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

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

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: DeAnne Spector

Title: Regulatory Analyst Date: 12/24/2009 Email: deanne.spector@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: 3/19/2010

Permit Number: \_\_\_\_\_ Expiration Date: 3/17/2012

**API NUMBER**  
05 077 10082 00

**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)24-HOUR SPUD NOTICE REQUIRED.E-MAIL Shaun.Kellerby@state.co.us (2)CEMENT-TOP VERIFICATION BY CBL REQUIRED. (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 000 FEET DEEP.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400022864	PLAT	LF@2208130 400022864
400022865	CONST. LAYOUT DRAWINGS	LF@2208131 400022865
400024616	TOPO MAP	LF@2208132 400024616
400024617	ACCESS ROAD MAP	LF@2208133 400024617
400024618	LOCATION DRAWING	LF@2208134 400024618
400024619	LOCATION PICTURES	LF@2208135 400024619
400024620	30 DAY NOTICE LETTER	LF@2208136 400024620
400024622	DRILLING PLAN	LF@2208138 400024622
400024623	SURFACE AGRMT/SURETY	LF@2208139 400024623
400024624	FORM 2 SUBMITTED	LF@2208140 400024624

Total Attach: 10 Files