

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

Refilling   
Sidetrack

Document Number:

1799698

Plugging Bond Surety

2

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: DEANNESPECTOR Phone: (720)876-5286 Fax: (720)876-6060  
Email: DEANNE.SPECTOR@ENCANA.COM

7. Well Name: ORCHARD UNIT Well Number: 19-15 (019OU)

8. Unit Name (if appl): ORCHARD Unit Number: COC066496  
X

9. Proposed Total Measured Depth: 9948

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 19 Twp: 8S Rng: 96W Meridian: 6  
Latitude: 39.330270 Longitude: -108.148010

Footage at Surface: 775 FNL/FSL FSL 1930 FEL/FWL FEL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 5835.1 13. County: MESA

14. GPS Data:

Date of Measurement: 09/30/2004 PDOP Reading: -1.0 Instrument Operator's Name: STACY STEWART

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 \_\_\_\_\_  
Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

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: 183

18. Distance to nearest property line: 3000 19. Distance to nearest well permitted/completed in the same formation: 5375

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.)
ILES	ILES			
MANCOS	MNCAB			
WILLIAMS FORK	WMFK			

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: COC064191

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):  
T8S R96W SEC 19: E2SW, SE; SEC 20: N2, N2S2, SEC 21: N2

25. Distance to Nearest Mineral Lease Line: 755 26. Total Acres in Lease: 1090

### 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	12+1/4	8+5/8	24	1,500	1,060	1,500	0
SURF	12+1/4	8+5/8	24	1,500	1,060	1,500	0
1ST	7+7/8	4+1/2	11.6	9,948	562	9,948	1,095

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

33. Comments ENCANA OWNED SURFACE.

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 Date: 8/21/2009 Email: DEANNE.SPECTOR@ENCAN

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: 11/4/2009

Permit Number: \_\_\_\_\_ Expiration Date: 11/3/2010

**API NUMBER**  
05 077 09038 00

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

Comment

Agency

24 HOUR SPUD NOTICE REQUIRED. E-MAIL: david.andrews@state.co.us THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 92 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name	Doc Description
1799698	APD ORIGINAL	LF@2130253 1799698

Total Attach: 1 Files