

**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



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Document Number:  
400075389  
Plugging Bond Surety  
20100017

**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: DeAnne Spector Phone: (720)876-5826 Fax: (720)876-6826  
Email: deanne.spector@encana.com  
7. Well Name: Keinnath Federal Well Number: 17-11AH (C16OU)  
8. Unit Name (if appl): Orchard Unit Number: COC66496X  
9. Proposed Total Measured Depth: 14370

**WELL LOCATION INFORMATION**

10. QtrQtr: NENW Sec: 16 Twp: 8S Rng: 96W Meridian: 6  
Latitude: 39.355367 Longitude: -108.114494  
Footage at Surface: 568 FNL/FSL FNL 2530 FEL/FWL FWL  
11. Field Name: Grand Valley Field Number: 31290  
12. Ground Elevation: 5770 13. County: MESA

14. GPS Data:  
Date of Measurement: 07/11/2006 PDOP Reading: 2.2 Instrument Operator's Name: L. Vance

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
Footage at Top of Prod Zone: FNL/FSL 400 FNL 2466 FWL FEL/FWL 2681 FSL 2267 FWL  
Bottom Hole: FNL/FSL 2681 FSL 2267 FWL  
Sec: 16 Twp: 8S Rng: 96W Sec: 17 Twp: 8S Rng: 96W

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: 2 mi  
18. Distance to nearest property line: 1208 ft 19. Distance to nearest well permitted/completed in the same formation: 780 ft

**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			
Lower Mancos	MNCS			
Mancos A B	MNCAB			
Williams Fork	WMFK			

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: COC58675

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 8: SWNE, SE; Sec 17: ALL; Sec 18: Lots 3, 4, SENE, SENW, E2SW, NESE, S2SE (excl reserved ROW) Sec 19: Lots 1, 2, NE, E2NW; Sec 21: SWSW.

25. Distance to Nearest Mineral Lease Line: 3843 ft 26. Total Acres in Lease: 1461

### 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	5	40	0
SURF	14+3/4	10+3/4	40.5	1,400	665	1,400	0
1ST	9+7/8	7+5/8	29.7	7,590	1,047	7,590	1,400
2ND	6+1/2	5+0/0	23.2	14,370	449	14,370	7,090

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

33. Comments Intermediate Cement to 200>MSVD, Production TOC 500' inside intermediate casing C16OU Pad is located in the Orchard GAP

34. Location ID: 334416

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 Analystd Date: 7/15/2010 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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

API NUMBER

05

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.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400075389	FORM 2 SUBMITTED	400075389.pdf
400075393	PLAT	Plat.pdf
400075394	LOCATION DRAWING	400 ft rad.pdf
400075395	CONST. LAYOUT DRAWINGS	Construction Layout.pdf
400075396	TOPO MAP	Access Topo.pdf
400075397	ACCESS ROAD MAP	Access Rd.pdf
400075398	OTHER	Pipeline.pdf
400075399	MULTI-WELL PLAN	multi Well Plan.pdf
400075400	DEVIATED DRILLING PLAN	Directional.pdf
400075401	DRILLING PLAN	Drilling Plan.pdf
400075402	LOCATION PHOTO	Photos.pdf
400075403	SURFACE AGRMT/SURETY	SUA.pdf
400075404	30 DAY NOTICE LETTER	30 day ltr.pdf

Total Attach: 13 Files