



DE	ET	OE	ES
Document Number: 400198380			
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  COMMINGLE

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: MIRACLE PFISTER Phone: (720)876-3761 Fax: (720)876-4861  
 Email: miracle.pfister@encana.com

7. Well Name: ORCHARD UNIT Well Number: 30-2H (K18OU)

8. Unit Name (if appl): ORCHARD UNIT Unit Number: COC66496X

9. Proposed Total Measured Depth: 13816

**WELL LOCATION INFORMATION**

10. QtrQtr: NESW Sec: 18 Twp: 8S Rng: 96W Meridian: 6  
 Latitude: 39.346197 Longitude: -108.155320

Footage at Surface: 1439 feet FSL 972 feet FWL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 5381 13. County: MESA

14. GPS Data:  
 Date of Measurement: 06/03/2010 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: 1439 FSL 972 FWL Bottom Hole: 330 FNL 2526 FEL  
 Sec: 18 Twp: 8S Rng: 96W Sec: 30 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: 1950 ft

18. Distance to nearest property line: 1204 ft 19. Distance to nearest well permitted/completed in the same formation: 820 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.)
MANCOS GROUP	MNCS			

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: COC58678

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):

8S-96W SEC 30: LOTS 1-4, NE, E2NW, E2SE SEC 31: E2 SEC 32 SWSW

25. Distance to Nearest Mineral Lease Line: 330 ft 26. Total Acres in Lease: 781

### 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	LINEPIPE	0	40	5	40	0
SURF	14+3/4	10+3/4	40.5	0	1,515	825	1,515	0
1ST	9+7/8	7+5/8	26.4	0	6,567	1,015	6,567	0
2ND	6+3/4	5	23	0	13,816	571	13,816	6,067

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

33. Comments THE NEAREST DISTANCE IS TO A ABOVE GROUND UTILITY. INTEREMDIATE CASING TOP OF CEMENT WILL BE 200' ABOVE MESAVERDE. TOP OF PRODUCTION CEMENT WILL BE 500 FT INSIDE THE INTERMEDIATE CASING.

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: MIRACLE PFISTER

Title: REGULATORY ANALYST Date: \_\_\_\_\_ Email: miracle.pfister@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: \_\_\_\_\_

API NUMBER

05

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

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
400198501	DEVIATED DRILLING PLAN
400198503	PLAT

Total Attach: 2 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

**BMP**

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

Total: 0 comment(s)