

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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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:
400118721
Plugging Bond Surety

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: 15-12H (D14OU)

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

9. Proposed Total Measured Depth: 14678

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 14 Twp: 8S Rng: 96W Meridian: 6
Latitude: 39.355645 Longitude: -108.084171

Footage at Surface: 610 feet FNL/FSL 414 feet FEL/FWL
FNL FWL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 5953 13. County: MESA

14. GPS Data:

Date of Measurement: 03/25/2010 PDOP Reading: 2.1 Instrument Operator's Name: CD Slauch

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

Footage at Top of Prod Zone: FNL/FSL FNL FWL Bottom Hole: FNL/FSL FEL/FWL
1285 FNL 852 FWL 1690 FSL 916 FWL
Sec: 14 Twp: 8S Rng: 96W Sec: 15 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: 939 ft

18. Distance to nearest property line: 610 ft 19. Distance to nearest well permitted/completed in the same formation: 200 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.)
MANCOS	MNCS			

21. Mineral Ownership: Fee State Federal Indian Lease #: COC58674
 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):
 8S-96W SEC 9: NE, S2NW, S2 SEC 10: W2NW, SW, W2SE SEC 14: SWNW, NWSW, SESW SEC 15: W2E2, SENE, W2, NESE SEC 16: ALL
 25. Distance to Nearest Mineral Lease Line: 1690 ft 26. Total Acres in Lease: 2200

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	20	LINEPIPE	0	40	5	40	0
SURF	14+3/4	10+3/4	40.5	0	1,400	665	1,400	0
1ST	9+7/8	7+5/8	29.7	0	7,989	1,038	7,989	0
2ND	6+1/2	5	23.2	0	14,678	444	14,678	0

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None
 33. Comments THE NEAREST DISTANCE IS TO A PUBLIC ROAD. THE TOP OF THE INTERMEDIATE CASING WILL BE a minimum of 200' ABOVE THE MSVD. THE TOP OF THE PRODUCTION CASING WILL BE 500' INSIDE THE INTERMEDIATE CASING. THEY ARE LISTED AS THE FIRST AND SECOND STRING UNDER THE CASING INFORMATION.

34. Location ID: 334142
 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: 12/23/2010 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: David S. Nesline Director of COGCC Date: 1/21/2011
 Permit Number: _____ Expiration Date: 1/20/2013

API NUMBER

05 077 10146 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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) 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.

(3) 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 900 FEET DEEP.

Attachment Check List

Att Doc Num	Name
1792049	WELL LOCATION PLAT
400118721	FORM 2 SUBMITTED
400118975	DEVIATED DRILLING PLAN
400118977	FED. DRILLING PERMIT
400118978	30 DAY NOTICE LETTER
400118979	SURFACE AGRMT/SURETY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Hello! Yes I agree that the BH should be in section 15! Thanks, Miracle Pfister	1/14/2011 2:52:41 PM
Permit	Good morning! I have attached the plat for this well. I listed the actual pad name wrong on the permit. It is NOT the C10OU , but the D14OU. What do I need to do to change that? Sorry for the confusion. Please let me know if you need anything else. Thanks, Miracle Pfister	1/13/2011 11:33:19 AM
Permit	REQUESTED WELL LOCATION PLAT FROM MIRACLE. UNABLE TO DETERMINE BHL AND TOP WITH PLAT BUT THE DIRECTIONAL SURVEY INDICATES THESE SHOULD BE IN SECTION 15 NOT 14 AS MARKED. ALSO, THE WRONG SECTION IN SUBMITTED FOR THE BHL SHOULD BE 15 NOT 14.	1/12/2011 10:32:34 AM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)