

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:

1790192

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 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: JULIA M. CARTER Phone: (720)876-5240 Fax: (720)876-6240
Email: JULIA.CARTER@ENCANA.COM
7. Well Name: N. PARACHUTE Well Number: EF14C-20 H29A
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 11903

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 29 Twp: 5S Rng: 95W Meridian: 6
Latitude: 39.588342 Longitude: -108.070964
Footage at Surface: 1356 FNL 652 FEL
11. Field Name: GRAND VALLEY Field Number: 31290
12. Ground Elevation: 6236 13. County: GARFIELD

14. GPS Data:
- Date of Measurement: 01/23/2008 PDOP Reading: 4.2 Instrument Operator's Name: ROBERT KAY

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

Footage at Top of Prod Zone:				Bottom Hole:			
FNL/FSL		FEL/FWL		FNL/FSL		FEL/FWL	
<u>410</u>	<u>FSL</u>	<u>1999</u>	<u>FWL</u>	<u>410</u>	<u>FSL</u>	<u>1999</u>	<u>FWL</u>
Sec: <u>20</u>	Twp: <u>5S</u>	Rng: <u>95W</u>		Sec: <u>20</u>	Twp: <u>5S</u>	Rng: <u>95W</u>	

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: 2640 ft
18. Distance to nearest property line: 1 mi 19. Distance to nearest well permitted/completed in the same formation: 268 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.)
WILLIAMS FORK	WMFK	479-15		

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 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):
PLEASE SEE ATTACHED MAP

25. Distance to Nearest Mineral Lease Line: 3646 ft 26. Total Acres in Lease: 25889

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: RECYCLE AND BURY

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	26	16	LINEPIPE	120	11	120	0
SURF	12+1/4	9+5/8	36	2,000	510	2,000	0
1ST	7+7/8	4+1/2	11.6	11,903	795	11,903	

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

33. Comments ENCANA OIL & GAS (USA) INC. OWNS SURFACE, ENCANA MINERALS. THIS IS A REFILE. API #05-045-16061. THERE HAVE BEEN NO CHANGES TO THE WELL PLAN, SURFACE CONDITIONS OR LEASE TERMS. THIS LOCATION WAS BUILT OCTOBER 1, 2008. SINCE NO FURTHER SURFACE DISTURBANCE IS TO OCCUR ON THIS LOCATION AND NO VARIANCE IS BEING REQUESTED, NEITHER A FORM 2A NOR CONSULTATION UNDER RULE 306 a.,b.,c., or d. IS REQUIRED.

34. Location ID: 335594

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: JULIA M. CARTER

Title: REGULATORY Date: 8/18/2009 Email: JULIA.CARTER@ENCANA.CO

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: 11/13/2009

Permit Number: _____ Expiration Date: 11/12/2010

API NUMBER

05 045 16061 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.

24 HOUR SPUD NOTICE REQUIRED. E-MAIL: david.andrews@state.co.us GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE PRODUCTION CASING TOP OF CEMENT MUST BE 200' ABOVE THE TOP OF GAS AND COMPLY WITH RULE 317.I. CEMENT TOP VERIFICATION BY CBL REQUIRED. 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 000 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
1790192	APD ORIGINAL	LF@2127367 1790192

Total Attach: 1 Files