

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:

1637198

Plugging Bond Surety

20070074

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: LARAMIE ENERGY II, LLC

4. COGCC Operator Number: 10232

5. Address: 1512 LARIMER ST STE 1000

City: DENVER State: CO Zip: 80202

6. Contact Name: WAYNE P. BANKERT Phone: (970)683-5419 Fax: (303)339-4399

Email: WBANKERT@LARAMIE-ENERGY.COM

7. Well Name: KNOX Well Number: 03-09B

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 5430

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 3 Twp: 8S Rng: 96W Meridian: 6

Latitude: 39.381208 Longitude: -108.088911

Footage at Surface: 1873 FNL/FSL FNL 744 FEL/FWL FEL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 5450 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 03/10/2009 PDOP Reading: 2.3 Instrument Operator's Name: GEORGE ALLEN

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

Footage at Top of Prod Zone: FNL/FSL 2171 FSL 658 FEL 658 FEL 2171 FSL 658 FEL 658
Sec: 3 Twp: 8S Rng: 96W Sec: 3 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: 1086 ft

18. Distance to nearest property line: 568 ft 19. Distance to nearest well permitted/completed in the same formation: 1328 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.)
ILES	ILES	510-50	40	NESE S3
WILLIAMS FORK	WMFK	510-50	40	NESE S3

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 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):
W2NESE, W2E2NESE SEC 3 TWN 8S, RNG. 96W 6TH PM

25. Distance to Nearest Mineral Lease Line: 328 ft 26. Total Acres in Lease: 30

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	26	16	0.25	40		40	0
SURF	12+1/4	8+5/8	32	800	350	800	0
1ST	7+7/8	4+1/2	11.6	5,430	500	5,430	

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

33. Comments DRILLING WILL INCORPORATE A CLOSED MUD SYSTEM. NO VISIBLE IMPROVEMENTS WITHIN 200' OF THE WELLHEAD. THIS WELL IS PART OF PENDING LOCATION ASSESSMENT NO. 1712561 CEMENT ON SURFACE CASING IS REDI-MIX. TOC ON PRODUCTION CASING IS 500' ABOVE TOP OF GAS.

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: WAYNE P. BANKERT

Title: REGULATORY Date: 10/13/2009 Email: WBANKERT@LARAMIE-ENER

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: 11/13/2009

API NUMBER

05 045 18851 00

Permit Number: _____ Expiration Date: 11/12/2011

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.

CEMENT-TOP VERIFICATION BY CBL REQUIRED. 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. 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 294 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
1637199	WELL LOCATION PLAT	LF@2158663 1637199
1637200	ACCESS ROAD MAP	LF@2158664 1637200
1637201	30 DAY NOTICE LETTER	LF@2158665 1637201
1637202	SURFACE AGRMT/SURETY	LF@2158666 1637202
1637204	DEVIATED DRILLING PLAN	LF@2158667 1637204
1637205	LOCATION PICTURES	LF@2158725 1637205
400009712	FORM 2 SUBMITTED	LF@2166402 400009712
400018964	APD ORIG & 1 COPY	LF@2158662 400018964

Total Attach: 8 Files