

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



DE	ET	OE	ES
Document Number: 400185066			
PluggingBond SuretyID 20070074			

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☐

Refilling ☐
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: Hawxhurst Well Number: 19-13C
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 10702

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 24 Twp: 9S Rng: 95W Meridian: 6
Latitude: 39.259460 Longitude: -107.935470

Footage at Surface: 1349 feet FNL/FSL 602 feet FEL/FWL FEL

11. Field Name: Buzzard Field Number: 9495
12. Ground Elevation: 6355 13. County: MESA

14. GPS Data:

Date of Measurement: 06/18/2010 PDOP Reading: 3.8 Instrument Operator's Name: Dave Murray

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

Footage at Top of Prod Zone: FNL/FSL 1080 FSL 647 FWL 1080 FSL 647 FWL
Sec: 19 Twp: 9S Rng: 94W Sec: 19 Twp: 9S Rng: 94W

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: 325 ft

18. Distance to nearest property line: 590 ft 19. Distance to nearest well permitted/completed in the same formation: 1589 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	371-14	160	SW4
Mowry	MWRY	371-14	160	SW4
Niobrara-Frontier	NB-FR	371-14	160	SW4

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):

See Attached Lease Exhibit.

25. Distance to Nearest Mineral Lease Line: 462 ft

26. Total Acres in Lease: 146

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	26+0/0	16+0/0	42.0	0	40	78	40	0
SURF	14+3/4	9+5/8	32.3	0	1,500	786	1,500	0
1ST	8+3/4	7+0/0	23.0	0	6,800	450	6,800	1,300
2ND	6+1/4	4+1/2	15.1	0	10,702	350	10,702	6,300

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

33. Comments No improvements within 200' of wellhead. A closed drilling system will be incorporated. LEII has submitted to the COGCC a request for 160-acre "deep" spacing unit for the SW4 of Section 19. The request is to be heard August 8th-9th 2011 on Docket No. of 1108-SP-108. LEII does not intend to spud this well prior to the COGCC hearing. Surface Use Agreement part of Location Assessment for Location ID: 419498

34. Location ID: 419498

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: Snr. Reg. & Env. Coordint Date: 7/14/2011 Email: wbankert@laramie-energy.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. Neslin

Director of COGCC Date: 9/2/2011

API NUMBER

05 077 10166 00

Permit Number: _____ Expiration Date: 9/1/2013

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) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

(4) THE 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 270 FEET DEEP.

Attachment Check List

Att Doc Num	Name
2089461	SURFACE AGRMT/SURETY
2089476	WELL LOCATION PLAT
2089477	DEVIATED DRILLING PLAN
400185066	FORM 2 SUBMITTED
400185109	LEASE MAP
400185112	OTHER

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Attached revised location survey and directional plan, removed original versions Corrected PDOP and bhl information to match revised survey	3/2/2011 9:37:18 AM
Permit	Added information to the Related Forms tab Added spacing order 371-14 information Bhl does not meet setbacks of new spacing order	8/17/2011 1:51:19 PM
Permit	Attached the SUA Waiting for spacing unit approval	3/2/2011 3:33:45 PM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)