

FORM
2Rev
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 ☒ COMMINGLE ☒
Refiling ☐Sidetrack ☐

Document Number:

400213193

PluggingBond SuretyID

20010023

3. Name of Operator: K P KAUFFMAN COMPANY INC4. COGCC Operator Number: 462905. Address: 1675 BROADWAY, STE 2800City: DENVER State: CO Zip: 802026. Contact Name: Susana Lara-Mesa Phone: (303)825-4822 Fax: (303)825-4825Email: slaramesa@kpk.com7. Well Name: Loeffler Well Number: #1-18

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

9. Proposed Total Measured Depth: 7272

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 1 Twp: 4N Rng: 66W Meridian: 6Latitude: 40.346580Longitude: -104.732469
 Footage at Surface: 686 feet FNL 663 feet FWL
 FNL/FSL FEL/FWL
11. Field Name: Hambert Field Number: 3353012. Ground Elevation: 4663 13. County: WELD

14. GPS Data:

Date of Measurement: 06/02/2010 PDOP Reading: 3.2 Instrument Operator's Name: R. Gorka15. If well is ☐ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL

 Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 202 ft18. Distance to nearest property line: 663 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1310 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.)
Niobrara	NBRR	407-87	80	N2NW4

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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):

W/2NW/4 sec 1-T4N-R66W

25. Distance to Nearest Mineral Lease Line: 663 ft

26. Total Acres in Lease: 85

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
SURF	12+1/4	8+5/8	24	0	389	310	389	0
1ST	7+7/8	4+1/2	11.6	0	7,256	250	7,256	

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

33. Comments Well will be recompleted in the Niobrara, intervals to be perf'd" 6830-45', 6955-65', 4 spf. will spot acid and frac, swab back and then commingle with Codell production after review. Form 4 with annotated log and proposed wellbore diagram will follow.

34. Location ID: 322579

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: Susana Lara-Mesa

Title: Engineering Project Mgr

Date: 1/9/2012

Email: slaramesa@kpk.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: 1/31/2012

API NUMBER

05 123 11673 00

Permit Number: _____ Expiration Date: 1/30/2014

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.

Prior to recomple, operator must: 1) Verify existing cement above the Niobrara with a cement bond log. 2) If it is not present as follows, provide remedial cement across and to 200' above Niobrara (minimum cement top of 6611'). Verify remedial cement coverage with cement bond log. Cement top provided was found on a Form 4 in the system and must be verified.

Attachment Check List

Att Doc Num	Name
2481368	SURFACE CASING CHECK
400213193	FORM 2 SUBMITTED
400238891	30 DAY NOTICE LETTER
400238926	OTHER
400247174	DIRECTIONAL DATA

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review complete.	1/31/2012 9:18:56 AM
Permit	Requires water sampling. Opr notified. Ready to pass pending public comment.	1/13/2012 8:52:46 AM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)