

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



Document Number:

400246120

Date Received:

02/06/2012

PluggingBond SuretyID

20010023

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 ☐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: WUERTZ Well Number: #12-3

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

9. Proposed Total Measured Depth: 7790

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 12 Twp: 1N Rng: 65W Meridian: 6Latitude: 40.061460Longitude: -104.618050Footage at Surface: 990 feet FNL/FSL 990 feet FEL/FWL FWL11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 4975 13. County: WELD

14. GPS Data:

Date of Measurement: 07/02/2008 PDOP Reading: 2.3 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: 990 ft18. Distance to nearest property line: 990 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2902 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.)
J SAND	JSND	0	320	S2
NIOBRARA-CODELL	NB-CD	407-87	80	S2

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):

S/2 Sec 12-T1N-R65W

25. Distance to Nearest Mineral Lease Line: 990 ft

26. Total Acres in Lease: 320

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	13+3/4	9+5/8	36	0	214	170	214	0
1ST	7+7/8	4+1/5	11.6	0	7,790	250	7,790	6,636

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

33. Comments Form 4 with recompletion details has been filed at the COGCC office along with wellbore diagram

34. Location ID: 323716

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: 2/6/2012 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: _____ Director of COGCC Date: 3/18/2012

API NUMBER

05 123 13409 00

Permit Number: _____ Expiration Date: 3/17/2014

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 and across the Fox Hills Aquifer with a cement bond log. 2) If it is not present as follows, provide remedial cement across and to 200' above Niobrara (minimum top of cement 6722') and across the Fox Hills from 1090' to 50' within the surface casing shoe. Verify all remedial cement coverage with cement bond log.

Attachment Check List

Att Doc Num	Name
2481450	SURFACE CASING CHECK
400246120	FORM 2 SUBMITTED

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review complete.	3/15/2012 12:58:36 PM
Permit	No previous 2A. Ready to pass pending public comment 3/14/12	2/24/2012 3:36:17 PM
Permit	Operator answered 2b and #23. This form has passed completeness.	2/22/2012 7:51:29 AM
Permit	Returned to draft. Missing 2b and #23.	2/7/2012 11:44:59 AM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)