

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400291234

Date Received:

06/04/2012

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: MURPHY Well Number: #31-3

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

9. Proposed Total Measured Depth: 8113

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 31 Twp: 4S Rng: 63W Meridian: 6Latitude: 39.656348 Longitude: -104.474712Footage at Surface: 1980 feet FNL/FSL 660 feet FEL/FWL FEL11. Field Name: BOMBING RANGE Field Number: 715512. Ground Elevation: 5784 13. County: ARAPAHOE

14. GPS Data:

Date of Measurement: 10/31/2007 PDOP Reading: 1.8 Instrument Operator's Name: Ray 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: 1530 ft18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1620 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		40	NESE

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):

NESE SEC 31 T4S R63W

25. Distance to Nearest Mineral Lease Line: 660 ft

26. Total Acres in Lease: 160

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	194	130	194	0
1ST	7+7/8	4+1/2	12.6	0	8,110	275	8,110	

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

33. Comments Form 4 has been filed at COGCC. A form 2A is not required for this recompletion because no pit will be constructed and there will be no additional surface disturbance beyond the originally disturbed area.

34. Location ID: 320767

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: 6/4/2012 Email: slaramesa@kpk.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 7/25/2012

API NUMBER

05 005 06958 00

Permit Number: _____ Expiration Date: 7/24/2014

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 with a cement bond log. 2) If it is not present as follows, provide remedial cement 200' above Niobrara (minimum cement top of 7040'), and 1820'(DV tool) into the surface casing shoe. Verify remedial cement coverage with cement bond log.

Attachment Check List

Att Doc Num	Name
400291234	FORM 2 SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
LGD	<p>Arapahoe County has the following general comments:</p> <p>The applicant may need to go through the Use by Special Review process. The applicant should contact Arapahoe County Planning to determine if they need to go through this process.</p> <p>The applicant should contact the Arapahoe County Engineering Services Division regarding the following permits:</p> <p>A GESC (Grading, Erosion and Sedimentation Control) plan and report must be submitted for each oil well site. Collateral to guarantee the BMPs must be provided prior to the issuance of the GESC permit. The GESC permit must be issued prior to any grading related to the oil well development.</p> <p>A truck traffic report must be submitted to the County before issuance of an access permit. The report must specify the volume, type and size of truck traffic used in the drilling and production of the well. Included in this report the Applicant must provide a detailed map depicting all County roads intended to be used by truck traffic to ingress and egress the well site. The roadway condition and existing traffic volumes of each of the roadways must be specified in the report. Improvements to any County road along the proposed route may require an agreement with the Operator prior to issuance of the access permit. Any damage to an Arapahoe County road resulting from the Oil Well operation will be the responsibility of the Applicant.</p> <p>An oversize moving permit is required for transporting drilling rigs or any other oversize and overweight vehicles on any County roadways.</p> <p>In the event of any encroachment of a FEMA or County-designated floodplain, a floodplain development permit will be required. Prior to the issuance of this permit, an engineering analysis must be submitted evaluating the impact of this encroachment on the 100-year floodplain.</p>	7/9/2012 2:28:26 PM
Permit	Operator added that this recomplete will not require a form 2A.	6/21/2012 6:38:40 AM
Permit	per operator: no Form 2A is required for this recompletion; no pit will be constructed, no additional disturbance will be created	6/20/2012 3:33:04 PM
Permit	This well is already completed in the J sand. Recomplete sent in to complete a different member of the J sand.	3/5/2012 6:02:03 AM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)