

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 |
|----|----|----|----|

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 ☒

Refilling ☐
Sidetrack ☐

Document Number:

400071269

Plugging Bond Surety

20010023

3. Name of Operator: K P KAUFFMAN COMPANY INC

4. COGCC Operator Number: 46290

5. Address: 1675 BROADWAY, STE 2800

City: DENVER State: CO Zip: 80202

6. Contact Name: Sherry Glass Phone: (303)825-4822 Fax: (303)825-4825

Email: sglass@kpk.com

7. Well Name: Front Range Well Number: #11-17-24

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

9. Proposed Total Measured Depth: 9242

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 17 Twp: 4N Rng: 66W Meridian: 6

Latitude: 40.308540 Longitude: -104.803600

Footage at Surface: 1505 feet FNL/FSL FSL 2084 feet FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4723 13. County: WELD

14. GPS Data:

Date of Measurement: 03/01/2010 PDOP Reading: 6.0 Instrument Operator's Name: Kipper Goldsberry

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

Footage at Top of Prod Zone: FNL/FSL 2506 FNL 1349 FEL FEL Bottom Hole: FNL/FSL 2506 FNL 1349 FEL FEL
Sec: 17 Twp: 4N Rng: 66W Sec: 17 Twp: 4N Rng: 66W

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: 530 ft

18. Distance to nearest property line: 179 ft 19. Distance to nearest well permitted/completed in the same formation: 1746 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 | 232-23 | 160 | GWA |
| Niobrara-Codell | NB-CD | 407-87 | 160 | GWA |

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):
N/2SW/4, NE/4 section 17-T4N-R66W

25. Distance to Nearest Mineral Lease Line: _____ 150 ft 26. Total Acres in Lease: _____ 240

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 | Wt/Ft | Csg/Line Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|--------------|---------------|-----------|---------|---------|
| SURF | 12+1/4 | 8+5/8 | 24 | | 650 | 500 | 650 | |
| 1ST | 7+7/8 | 4+1/2 | 11.5 | | 9,242 | 1,000 | 9,242 | |

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

33. Comments No conductor casing will be used. Proposed GWA Unit Configuration for JSND & NB-CD: S/2NE/4 & N/2SE/4 ; K P Kaufman Company, Inc. requests approval of a Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Waivers are attached.

34. Location ID: _____ 332832

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: Sherry Glass

Title: Engineering Technician Date: 8/18/2010 Email: sglass@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. Neslin Director of COGCC Date: 12/21/2010

API NUMBER

05 123 32750 00

Permit Number: _____ Expiration Date: 12/20/2012

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) Provide 24 hour notice of MIRU to Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Shannon to 200' above Shannon. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 1770575 | SURFACE CASING CHECK |
| 400071269 | FORM 2 SUBMITTED |
| 400071280 | SURFACE AGRMT/SURETY |
| 400071283 | PLAT |
| 400071285 | TOPO MAP |
| 400085174 | 30 DAY NOTICE LETTER |
| 400085178 | LEASE MAP |
| 400085180 | DEVIATED DRILLING PLAN |
| 400085529 | PROPOSED BMPs |
| 400085530 | EXCEPTION LOC REQUEST |
| 400085532 | EXCEPTION LOC WAIVERS |
| 400085533 | PROPOSED SPACING UNIT |
| 400085535 | PROPOSED SPACING UNIT |
| 400085536 | UNIT CONFIGURATION MAP |
| 400085727 | OTHER |

Total Attach: 15 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | |

Total: 0 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------|-----------------------|
| | |

Total: 0 comment(s)