

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



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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 ZONE ☐ COMMINGLE ZONE ☐

Refiling ☐  
Sidetrack ☒

Document Number:

400092349

Plugging Bond Surety

2009003

3. Name of Operator: RUBICON OIL & GAS LLC

4. COGCC Operator Number: 10303

5. Address: 508 W WALL AVE STE 500

City: MIDLAND State: TX Zip: 79701

6. Contact Name: Christi Ng Phone: (303)595-7634 Fax: (303)595-7628  
Email: cng@rpm.inc.org

7. Well Name: Pawnee Well Number: 10-67-28-1

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

9. Proposed Total Measured Depth: 12977

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 28 Twp: 10N Rng: 67W Meridian: 6

Latitude: 40.810435 Longitude: -104.902240

Footage at Surface: 650 FNL/FSL FNL 896 FEL/FWL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5683.2 13. County: WELD

14. GPS Data:

Date of Measurement: 04/02/2010 PDOP Reading: 1.8 Instrument Operator's Name: David Murrey

15. 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  
994 FNL 1227 FWL 600 FSL 600 FEL  
Sec: 28 Twp: 10N Rng: 67W Sec: 28 Twp: 10N Rng: 67W

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: 5280 ft

18. Distance to nearest property line: 650 ft 19. Distance to nearest well permitted/completed in the same formation: 3844 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		640	

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):  
All Section 28, T10N R66W

25. Distance to Nearest Mineral Lease Line: 650 ft 26. Total Acres in Lease: 640

### 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	9+5/8	36	1,200	425	1,200	0
1ST	8+3/4	7	26	8,000	1,275	8,000	0
1ST LINER	6+1/8	4+1/2	11.6	12,828			

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

33. Comments Horizontal section of well. Will set 7" production casing after the curve is drilled. 4" liner will be hung in production zone. Signed consultation letter serves as SUA with the State.

34. Location ID: 419849

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: Christi Ng

Title: Agent for Rubicon Date: 9/13/2010 Email: cng@rpm-inc.org

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: 10/15/2010

#### API NUMBER

05 123 32368 01

Permit Number: \_\_\_\_\_ Expiration Date: 10/14/2012

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 Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from end of production casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) Run and submit Directional Survey from TD to base of surface casing. The operator shall comply with Rule 321, and it shall be the operator's responsibility to 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	Doc Description
2622004	WELL LOCATION PLAT	LF@2601409 2622004
400092349	FORM 2 SUBMITTED	LF@2543158 400092349
400092392	CONSULT NOTICE	LF@2543159 400092392
400092403	WELL LOCATION PLAT	LF@2543160 400092403
400092407	DEVIATED DRILLING PLAN	LF@2543161 400092407

Total Attach: 5 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Uploaded new well location plat with correct BH location to the application as attachment. Amended Bottom-Hole footages to reflect those on the plat. PVG	10/13/2010 4:29:28 PM
Permit	ON HOLD. The Plat has a bottom hole location 3/4 of mile distant the application's bottom hole and is inconsistent with the directional survey. Requested new plat. Also requested footages for bottom hole to reflect the nearest Section Line. PVG	10/13/2010 10:13:55 AM
Permit	Per Sherry Lee, surface restoration bond is on file with the State Land Board. PVG	10/13/2010 10:13:08 AM
Permit	Corrected surface/mineral ownership to State/State. Changed title of attachment to Consultate Notice, as per operator-Christi & Jane	9/21/2010 2:23:50 PM
Permit	returned from draft: see section V comment: "Signed consultation letter serves as SUA with the State." - rest checked by Sarah	9/17/2010 9:26:50 AM
Permit	Back to draft for correct spacing pooling info line 22b, & or/SUA attached	9/14/2010 1:10:55 PM

Total: 6 comment(s)

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