

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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Document Number:

2581676

Plugging Bond Surety

20090003

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 ☒

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: KYLE HUDSON Phone: (303)595-7626 Fax: ()

Email: KHUDSON@RPM-INC.ORG

7. Well Name: PAWNEE Well Number: 1-16-1

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

9. Proposed Total Measured Depth: 11552

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 16 Twp: 10N Rng: 66W Meridian: 6

Latitude: 40.840377 Longitude: -104.788027

Footage at Surface: 407 FNL/FSL FNL FEL/FWL 945 FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5490.6 13. County: WELD

14. GPS Data:

Date of Measurement: 03/08/2010 PDOP Reading: 3.0 Instrument Operator's Name: GNA

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
871 FNL 1059 FWL 650 FSL 1990 FWL
Sec: 16 Twp: 10N Rng: 66W Sec: 16 Twp: 10N 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: 1148 ft

18. Distance to nearest property line: 407 ft 19. Distance to nearest well permitted/completed in the same formation: 1067 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	ALL

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8714.5

22. Surface Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: 20090003

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):
T10N-R66W: SEC. 16: ALL

25. Distance to Nearest Mineral Lease Line: 407 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	13+1/2	9+5/8	36	800	670	800	0
1ST	8+3/4	7	26	7,633	315	7,633	800
2ND	6+1/8	4+1/2	11.6	11,552			
1ST LINER	6+1/8	4+1/2	11.6	11,552			

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

33. Comments THIS IS A HORIZONTAL WELL.

34. Location ID: _____

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: KYLE HUDSON

Title: AGENT Date: 4/8/2010 Email: KHUDSON@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: 6/2/2010

API NUMBER 05 123 31685 01	Permit Number: _____ Expiration Date: <u>6/1/2012</u>
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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 TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. Also, provide cement coverage from 1870' to 50' inside the t surface casing to provide adequate aquifer protection, verify 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.

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Attachment Check List

Att Doc Num	Name	Doc Description
2581675	WELL LOCATION PLAT	LF@2447783 2581675
2581676	APD ORIGINAL	LF@2447782 2581676
2581677	ACCESS ROAD MAP	LF@2448298 2581677
2581678	TOPO MAP	LF@2448299 2581678
2581679	30 DAY NOTICE LETTER	LF@2447784 2581679
2581680	DEVIATED DRILLING PLAN	LF@2447785 2581680

Total Attach: 6 Files