

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 PILOT HOLE
SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refilling
Sidetrack

Document Number:
400074876
Plugging Bond Surety
20090003

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: 9-65-36-1

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

9. Proposed Total Measured Depth: 8700

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 36 Twp: 9N Rng: 65W Meridian: 6
Latitude: 40.696811 Longitude: -104.603297

Footage at Surface: 300 FNL/FSL FSL 700 FEL/FWL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5186.8 13. County: WELD

14. GPS Data:

Date of Measurement: 06/29/2010 PDOP Reading: 1.9 Instrument Operator's Name: DJM

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 679 ft

18. Distance to nearest property line: 300 ft 19. Distance to nearest well permitted/completed in the same formation: 31680 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| CODELL | CODL | | 640 | ALL |
| J SAND | JSND | | 640 | ALL |
| NIOBRARA | NBRR | | 640 | ALL |

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 Bon \$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):
SEC 36, T9N, R65W, 6th PM

25. Distance to Nearest Mineral Lease Line: _____ 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 | 1,070 | 900 | 1,070 | 0 |

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

33. Comments **PILOT HOLE SECTION. WILL SET 9 5/8" SURFACE CASING. 7" INTERMEDIATE CASING WILL BE SET IN THE HORIZONTAL SECTION OF THE WELL AFTER THE CURVE IS DRILLED.**

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: CHRISTI NG

Title: AGENT FOR RUBICON Date: 7/7/2010 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: 8/26/2010

| | | |
|--------------------------------------|----------------------|-----------------------------------|
| API NUMBER 05 123 32096 00 | Permit Number: _____ | Expiration Date: <u>8/25/2012</u> |
|--------------------------------------|----------------------|-----------------------------------|

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.

Formation objectives listed on the pilot hole cannot be completed unless an exception location request is approved.

- 1) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 2) Set at least 1070' of surface casing per Rule 317A, cement to surface.
- 3) Set cement plugs as follows in pilot hole below kickoff point of the horizontal wellbore: 40 sx at 50' above the J-Sand. Leave at least 100' from kickoff plug in pilot hole after kicking off.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|------------------------|----------------------|
| 400074876 | FORM 2 SUBMITTED | LF@2509466 400074876 |
| 400074948 | WELL LOCATION PLAT | LF@2509467 400074948 |
| 400075039 | DEVIATED DRILLING PLAN | LF@2509468 400075039 |

Total Attach: 3 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Engineer | Changed surface casing setting depth from 800' to 1070' (50' below Fox Hills) and increased cement quantity from 670 sx to 900 sx proportionately. Advised Christy Ng (RPM) of changes 8/4/10. | 8/4/2010 11:09:48 AM |

Total: 1 comment(s)

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