

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:
400037748
Plugging Bond Surety
20090062

3. Name of Operator: MACHII-ROSS PETROLEUM CO 4. COGCC Operator Number: 52250

5. Address: 2901 28TH ST STE 205
City: SANTA MONICA State: CA Zip: 90405

6. Contact Name: Andy Peterson Phone: (970)669-7411 Fax: (970)669-4077
Email: andy.peterson@petersonenergy.com

7. Well Name: EMERSON Well Number: 41-29J

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

9. Proposed Total Measured Depth: 8216

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 29 Twp: 2N Rng: 67W Meridian: 6
Latitude: 40.114580 Longitude: -104.907500

Footage at Surface: 702 FNL/FSL FNL 702 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5006 13. County: WELD

14. GPS Data:

Date of Measurement: 08/06/2008 PDOP Reading: 1.2 Instrument Operator's Name: Mark Angell

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: 702 ft

18. Distance to nearest property line: 702 ft 19. Distance to nearest well permitted/completed in the same formation: 1304 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 | 407-87 | 80 | E/2 NE/4 |
| J Sand | JSND | 232-32 | 320 | E/2 |
| Niobrara | NBRR | 407-87 | 80 | E/2 NE/4 |

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#: 20090063

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):
T2N R67W: Sec. 29, E/2

25. Distance to Nearest Mineral Lease Line: 702 26. Total Acres in Lease: 320

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 | 8+5/8 | 24 | 800 | 500 | 800 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 8,216 | 230 | 8,216 | 6,866 |
| | | | Stage Tool | 5,254 | 250 | 5,254 | 4,854 |

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

33. Comments No Conductor Casing Will be Run. Twinning existing Emerson 41-29

34. Location ID: 318911

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: CLAYTON DOKE

Title: ENGINEER Date: 2/10/2010 Email: clay.doke@gmail.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: 3/26/2010

API NUMBER: **05 123 30123 00** Permit Number: _____ Expiration Date: 3/24/2012

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 Jim Precup at 303-469-1902 or e-mail at james.precup@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 Sussex. Verify coverage with cement bond log.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|------------------|----------------------|
| 400037765 | PLAT | LF@2426301 400037765 |
| 400039466 | FORM 2 SUBMITTED | LF@2426302 400039466 |

Total Attach: 2 Files