

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

Document Number:
400039271
Plugging Bond Surety
20090062

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

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: LEONARD Well Number: 23-21J

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

9. Proposed Total Measured Depth: 8240

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 21 Twp: 2N Rng: 67W Meridian: 6
Latitude: 40.121780 Longitude: -104.897970

Footage at Surface: _____ FNL/FSL _____ FEL/FWL _____
1929 FSL 1979 FWL

11. Field Name: SPINDLE Field Number: 77900

12. Ground Elevation: 5033 13. County: WELD

14. GPS Data:

Date of Measurement: 09/29/2008 PDOP Reading: 1.4 Instrument Operator's Name: DALLAS NIELSEN

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: 976 ft

18. Distance to nearest property line: 744 ft 19. Distance to nearest well permitted/completed in the same formation: 897 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	N/2SW/4
J Sand	JSND	232-32	320	S/2
Niobrara	NBRR	407-87	80	N/2SW/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):
TOWNSHIP 2 NORTH, RANGE 67 WEST, SECTION 21, SW/4, W/2 SE/4

25. Distance to Nearest Mineral Lease Line: 759 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	700	500	700	0
1ST	7+7/8	4+1/2	11.6	8,240	200	8,240	7,180
			Stage Tool	5,290	250	5,290	4,890

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

33. Comments NO CONDUCTOR CASING WILL BE RUN. THERE HAVE BEEN NO CHANGES RELATIVE TO THE PREVIOUSLY APPROVED PERMIT.

34. Location ID: 318682

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: 2/11/2010 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. Nash Director of COGCC Date: 3/22/2010

API NUMBER: **05 123 30134 00** Permit Number: _____ Expiration Date: 3/20/2012

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 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.

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Attachment Check List

Att Doc Num	Name	Doc Description
400039457	PLAT	LF@2424238 400039457
400042959	FORM 2 SUBMITTED	LF@2424239 400042959

Total Attach: 2 Files