

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 ☐

Refilling ☐
Sidetrack ☐

Document Number:

2584026

Plugging Bond Surety

19980010

3. Name of Operator: MATRIX ENERGY LLC

4. COGCC Operator Number: 54380

5. Address: 1241 THOROUGHbred ROAD

City: DURANGO State: CO Zip: 81303

6. Contact Name: DAVID BLANDFORD Phone: (970)247-1959 Fax: (970)247-2359
Email: ANDELEENERGY@GMAIL.COM

7. Well Name: MORO FARMS Well Number: 44-29

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

9. Proposed Total Measured Depth: 7228

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 29 Twp: 6N Rng: 65W Meridian: 6

Latitude: 40.452610 Longitude: -104.680930

Footage at Surface: 660 FNL/FSL FSL 820 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4703 13. County: WELD

14. GPS Data:

Date of Measurement: 04/05/2010 PDOP Reading: 2.0 Instrument Operator's Name: R. GABRIEL

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: 420 ft

18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation: 1320 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/CODELL	NB-CD	381-5	80	S/2SE4

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):
S/2SE4 SEC 29-T6N-R65W, 6TH PM.

25. Distance to Nearest Mineral Lease Line: 484 ft 26. Total Acres in Lease: 80

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
CONDUCTOR	12+1/4	8+5/8	24	560	175	560	0
1ST	7+7/8	4+1/2	11.6	7,228	500	7,228	0

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

33. Comments CONDUCTOR CASING WILL NOT BE USED.

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: DAVID M. BLANDFORD

Title: CO-MANAGER Date: 8/5/2010 Email: ANDELEENERGY@GMAIL.CO

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: 9/21/2010

API NUMBER

05 123 32229 00

Permit Number: _____ Expiration Date: 9/20/2012

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 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.

lease description revised per operator.

Attachment Check List

Att Doc Num	Name	Doc Description
2584026	APD ORIGINAL	LF@2531470 2584026
2584027	WELL LOCATION PLAT	LF@2531472 2584027
2584028	TOPO MAP	LF@2531519 2584028
2584029	SURFACE AGRMT/SURETY	LF@2531471 2584029

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Permit	property line is 240 feet away from well	9/21/2010 11:07:32 AM
Permit	property line 80 feet or 660 feet?	9/19/2010 1:27:58 PM
Permit	Why is high density checked?	9/19/2010 1:27:20 PM
Permit	changed distance to property line	9/19/2010 10:25:59 AM
Permit	lease acreage and lease description don't match.	9/19/2010 10:24:32 AM
Permit	received updated bonding	9/19/2010 9:55:29 AM
Permit	Bonding insufficient; operator working on updating plugging bond.	9/10/2010 8:57:27 AM
Permit	Added plugging bond with Opr-David's approval.	8/30/2010 1:17:00 PM

Total: 8 comment(s)

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