

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
----	----	----	----

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:

2583782

Plugging Bond Surety

19660010

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: MATRIX Well Number: 23-29

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

9. Proposed Total Measured Depth: 7464

WELL LOCATION INFORMATION

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

Latitude: 40.452870 Longitude: -104.689090

Footage at Surface: 490 FNL/FSL FSL 2140 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4706 13. County: WELD

14. GPS Data:

Date of Measurement: 11/02/2009 PDOP Reading: 1.7 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 1980 FSL FSL 1980 FWL FWL Bottom Hole: FNL/FSL 1980 FSL FSL 1980 FWL FWL  
Sec: 29 Twp: 6N Rng: 65W Sec: 29 Twp: 6N Rng: 65W

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: 480 ft

18. Distance to nearest property line: 240 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	E/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#: \_\_\_\_\_

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):  
SESW SEC 29-T6N-R65W

25. Distance to Nearest Mineral Lease Line: 490 ft 26. Total Acres in Lease: 40

### 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	560	175	560	0
1ST	7+7/8	4+1/2	11.6	7,464	500	7,464	0

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

33. Comments THIS WELL WILL BE LOCATED ON EXISTING PAD W/MATRIX 13-29, 14-29 AND PROPOSED MATRIX 24-29. 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: 8/17/2010 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 32222 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.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
2583782	APD ORIGINAL	LF@2531456 2583782
2583783	WELL LOCATION PLAT	LF@2531457 2583783
2583785	SURFACE AGRMT/SURETY	LF@2531458 2583785
2583786	DEVIATED DRILLING PLAN	LF@2531460 2583786
2584017	EXCEPTION LOC WAIVERS	LF@2531459 2584017

Total Attach: 5 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Waivers for being outside the windows are not necessary.	9/21/2010 3:46:39 PM
Permit	Bonding insufficient; operator working on updating plugging bond.	9/10/2010 9:13:19 AM
Permit	Plugging Bond added w/permission from Opr-David	8/31/2010 10:09:44 AM

Total: 3 comment(s)

Error: Subreport could not be shown.