


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table> Document Number:  1636659  Plugging Bond Surety  19960010	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>							
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>MATRIX ENERGY LLC</u>		4. COGCC Operator Number: <u>54380</u>					
5. Address: <u>1241 THOROUGHbred ROAD</u> City: <u>DURANGO</u> State: <u>CO</u> Zip: <u>81303</u>							
6. Contact Name: <u>DAVID M. BLANDFORD</u> Phone: <u>(970)247-1959</u> Fax: <u>(970)247-2359</u> Email: <u>ANDELEENERGY@GMAIL.COM</u>							
7. Well Name: <u>MATRIX</u>		Well Number: <u>24-29-17</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>7437</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SESW</u> Sec: <u>29</u> Twp: <u>6N</u> Rng: <u>65W</u> Meridian: <u>6</u> Latitude: <u>40.452810</u> Longitude: <u>-104.688930</u>							
Footage at Surface: <u>490</u> feet      FNL/FSL <u>FSL</u> <u>2170</u> feet      FEL/FWL <u>FWL</u>							
11. Field Name: <u>WATTENBERG</u>		Field Number: <u>90750</u>					
12. Ground Elevation: <u>4707</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>02/11/2011</u> PDOP Reading: <u>2.0</u> Instrument Operator's Name: <u>C. VANMATRE</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:      FNL/FSL      FEL/FWL      Bottom Hole:      FNL/FSL      FEL/FWL <u>1320</u> <u>FSL</u> <u>1320</u> <u>FWL</u> <u>1320</u> <u>FSL</u> <u>1320</u> <u>FWL</u> Sec: <u>29</u> Twp: <u>6N</u> Rng: <u>65W</u> Sec: <u>29</u> Twp: <u>6N</u> Rng: <u>65W</u>							
16. Is location in a high density area? (Rule 603b)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>439 ft</u>							
18. Distance to nearest property line: <u>359 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>850 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
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	160	SW/4			

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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 Bond ☐ \$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):  
SW/4 SEC 29-T6N-R65W. 6TH PM

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 1320 ft 26. Total Acres in Lease: \_\_\_\_\_ 160

**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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	560	200	560	0
1ST	7+7/8	4+1/2	11.6	0	7,437	500	7,437	0

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

33. Comments SURFACE IS OWNED BY APPLICANT/OPERATOR. IT IS ZONED FOR HEAVY INDUSTRIAL USE, AND IS IN AN EXISTING OIL AND GAS FACILITY. Matrix Energy requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Waiver attached.

34. Location ID: \_\_\_\_\_ 333308

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: 6/2/2011 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. Nesline Director of COGCC Date: 6/29/2011

**API NUMBER**

05 123 33824 00

Permit Number: \_\_\_\_\_ Expiration Date: 6/28/2013

**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 Bo Brown via e-mail at bo.brown@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above the 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
1636659	APD ORIGINAL
1636660	WELL LOCATION PLAT
1636661	TOPO MAP
1636662	SURFACE AGRMT/SURETY
1636663	DEVIATED DRILLING PLAN
1636664	EXCEPTION LOC WAIVERS
1771051	SURFACE CASING CHECK

Total Attach: 7 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

**BMP**

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)