


<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:  1636010  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 checked="" 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>KUETTEL</u>		Well Number: <u>14-10-16</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>7335</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SWSW</u> Sec: <u>10</u> Twp: <u>5N</u> Rng: <u>65W</u> Meridian: <u>6</u> Latitude: <u>40.407770</u> Longitude: <u>-104.655250</u>							
Footage at Surface: <u>467</u> feet      FNL/FSL <u>FSL</u> <u>1016</u> feet      FEL/FWL <u>FWL</u>							
11. Field Name: <u>WATTENBERG</u>		Field Number: <u>90750</u>					
12. Ground Elevation: <u>4645</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>02/15/2011</u> PDOP Reading: <u>3.0</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>100</u> <u>FWL</u> <u>1320</u> <u>FSL</u> <u>100</u> <u>FWL</u> Sec: <u>10</u> Twp: <u>5N</u> Rng: <u>65W</u> Sec: <u>10</u> Twp: <u>5N</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>301 ft</u>							
18. Distance to nearest property line: <u>125 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>860 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	407	160	GWA			

**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):  
SWSW & NWSW SEC 10, SESE & NESE SEC 9-T5N-R65W, 6TH PM

25. Distance to Nearest Mineral Lease Line: 1115 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	400	200	400	0
1ST	7+7/8	4+1/2	11.6	0	7,335	500	7,335	0

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

33. Comments Matrix Energy requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Surface owner waiver attached. Waivers concerning high density are attached. Proposed spacing unit W/2SW4 sec 10 & E/2SE4 sec 9. Conductor casing will not be used. Property line encroachment addressed by waiver letter from Merle Luther, who is the property owner to the north, which is the 125'.

34. Location ID: 311491

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: 5/12/2011 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. Neslin Director of COGCC Date: 6/29/2011

**API NUMBER**

05 123 33757 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 and from 200' below Sussex to 200' above Sussex. 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
1636010	APD ORIGINAL
1636011	WELL LOCATION PLAT
1636012	TOPO MAP
1636013	SURFACE AGRMT/SURETY
1636014	DEVIATED DRILLING PLAN
1636015	EXCEPTION LOC REQUEST
1636016	WAIVERS
1771036	SURFACE CASING CHECK
2530720	PROPOSED SPACING UNIT
2530818	CORRESPONDENCE

Total Attach: 10 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Received notification that no objection to proposed spacing was filed. Attached.	6/28/2011 8:37:49 AM
Permit	Updated permit with proposed spacing unit attachments. Waiting for 20 day to expire and a letter saying no objections were filed.	6/13/2011 7:03:22 AM
Permit	Updated with new proposed spacing unit attachments	6/7/2011 11:46:21 AM
Permit	The signed waiver letter regarding the high density 350 foot minimum setback should also work as the property line. The offset surface owner is waiving the location of the well.	5/25/2011 12:47:52 PM
Permit	Conductor casing will not be used.	5/24/2011 2:48:20 PM
Permit	waiting for property line waiver from offsetting surface owner.	5/24/2011 1:47:12 PM
Permit	On hold waiting for proposed spacing unit letter and spacing unit map.	5/24/2011 1:45:18 PM
Permit	Corrected lat/Longs from BHL to SHL, corrected zone type, added plugging bond and location ID as per conversation wi/Opr-David. sf	5/19/2011 12:06:28 PM

Total: 8 comment(s)

### **BMP**

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

Total: 0 comment(s)