

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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| DE | ET | OE | ES |
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Document Number:

400020796

Plugging Bond Surety

19970026

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

3. Name of Operator: MERIT ENERGY COMPANY 4. COGCC Operator Number: 56565

5. Address: 13727 NOEL ROAD STE 500  
City: DALLAS State: TX Zip: 75240

6. Contact Name: Michal White Phone: (972)628-1658 Fax: (972)628-1958  
Email: Michal.White@meritenergy.com

7. Well Name: Miller Well Number: 44-6B

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

9. Proposed Total Measured Depth: 7700

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 20 Twp: 3N Rng: 66W Meridian: 6

Latitude: 40.204900 Longitude: -104.793480

Footage at Surface: 645 FSL 522 FEL  
FNL/FSL FEL/FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4980 13. County: WELD

14. GPS Data:

Date of Measurement: 11/20/2009 PDOP Reading: 2.5 Instrument Operator's Name: Robert D. Thomas

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  
50 FSL 1320 FEL 50 FSL 1320 FEL  
Sec: 20 Twp: 3N Rng: 66W Sec: 20 Twp: 3N Rng: 66W

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: 646 ft

18. Distance to nearest property line: 525 ft 19. Distance to nearest well permitted/completed in the same formation: 1018 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          | 407.87                  | 160                           | S2SE4Sec20N2NE4Sec29                 |

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):  
SE/4, Sec. 20, T3N-66W

25. Distance to Nearest Mineral Lease Line: 522 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 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#             | 600           | 300          | 600           | 0          |
| 1ST         | 7+7/8        | 4+1/2          | 11.6#           | 7,520         | 460          | 7,520         | 0          |

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

33. Comments No conductor casing will be used. The location has been built.

34. Location ID: 336534

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: Michal Karam White

Title: Regulatory Analyst Date: 12/9/2009 Email: Michal.White@meritenergy.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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

|                                      |   |
|--------------------------------------|---|
| <b>API NUMBER</b><br>05 123 29374 00 | Permit Number: _____ Expiration Date: _____ |
|--------------------------------------|---|

**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.

### **Attachment Check List**

| Att Doc Num | Name                   | Doc Description                         |
|-------------|------------------------|---|
| 400020820   | WELL LOCATION PLAT     | Miller 44-6B Well Location Plat.pdf     |
| 400020822   | TOPO MAP               | Miller 44-6B Topo Map.pdf               |
| 400020823   | SURFACE AGRMT/SURETY   | Miller 44-6B SUA.pdf                    |
| 400020824   | 30 DAY NOTICE LETTER   | Miller 44-6B 30 Day Notice.pdf          |
| 400020825   | DEVIATED DRILLING PLAN | Miller 44-6B Directional Survey.pdf     |
| 400020826   | 30 DAY NOTICE LETTER   | Miller 44-6B Letter to Commissioner.pdf |
| 400020830   | PROPOSED SPACING UNIT  | Miller 44-6B Spacing Packet.pdf         |
| 400020839   | FORM 2 SUBMITTED       | 400020839.pdf                           |

Total Attach: 8 Files