

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

Refiling
Sidetrack

Document Number:
400020796
Plugging Bond Surety
19970026

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 FNL/FSL FSL 522 FEL/FWL FEL

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 50 FSL 1320 FEL 1320 FEL 1320 FEL 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	GWA

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: 50 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#	7,700	460	7,700	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. Proposed spacing unit is S/2SE4 sec 20 and the N/2NE4 sec 29

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: 12/28/2009 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: David S. Neslin Director of COGCC Date: 3/5/2010

API NUMBER 05 123 29374 00	Permit Number: _____	Expiration Date: <u>3/3/2012</u>
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 at 970-397-4124 or 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 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
1769761	SURFACE CASING CHECK	LF@2213971 1769761
400020820	WELL LOCATION PLAT	LF@2208162 400020820
400020822	TOPO MAP	LF@2208163 400020822
400020823	SURFACE AGRMT/SURETY	LF@2208164 400020823
400020824	30 DAY NOTICE LETTER	LF@2208165 400020824
400020825	DEVIATED DRILLING PLAN	LF@2208166 400020825
400020826	30 DAY NOTICE LETTER	LF@2208167 400020826
400020830	PROPOSED SPACING UNIT	LF@2208168 400020830
400020839	FORM 2 SUBMITTED	LF@2208169 400020839
400024841	FORM 2 SUBMITTED	LF@2208170 400024841

Total Attach: 10 Files