

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 ☐

Refilling ☒

Sidetrack ☐

Document Number:

400035207

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: Wailes Well Number: 44-8

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

9. Proposed Total Measured Depth: 7750

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 8 Twp: 2S Rng: 63W Meridian: 6

Latitude: 39.884930 Longitude: -104.454010

Footage at Surface: 680 FNL/FSL FSL FEL/FWL 680 FEL FEL

11. Field Name: Chieftain Field Number: 11060

12. Ground Elevation: 5210 13. County: ADAMS

14. GPS Data:

Date of Measurement: 07/19/2006 PDOP Reading: 2.5 Instrument Operator's Name: David L. Swanson

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 \_\_\_\_\_

Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

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: 800 ft

18. Distance to nearest property line: 680 ft 19. Distance to nearest well permitted/completed in the same formation: 1848

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.)
J Sand	JSND	291.15	320	E/2

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):  
SE/4, Sec. 8, T2S-R63W

25. Distance to Nearest Mineral Lease Line: 680 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#	1,380	800	1,380	
1ST	7+7/8	4+1/2	11.6#	7,750	1,000	7,750	

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

33. Comments NO CONDUCTOR CASING WILL BE SET.

34. Location ID: 320558

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: 2/3/2010 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. Nashin Director of COGCC Date: 3/14/2010

#### API NUMBER

05 001 09581 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/12/2012

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 Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us. 2) Set surface casing per Rule 317A, cement to surface 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara, per Rule 317i. Verify coverage with cement bond log. 4) If dry hole with surface casing o set 60 sks cement from 50' below D-Sand base up, 40 sks cement from 50' above Niobrara top up, 50 sks cement ½ out, ½ in surface casing, 10 sks cement in top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400035299	WELL LOCATION PLAT	LF@2421184 400035299
400035300	TOPO MAP	LF@2421185 400035300
400035302	SURFACE AGRMT/SURETY	LF@2421186 400035302
400035303	30 DAY NOTICE LETTER	LF@2421187 400035303
400035304	30 DAY NOTICE LETTER	LF@2421188 400035304
400035305	PROPOSED SPACING UNIT	LF@2421189 400035305
400039398	FORM 2 SUBMITTED	LF@2421190 400039398

Total Attach: 7 Files