

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:  
400121116  
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: Clark Well Number: 21-9

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

9. Proposed Total Measured Depth: 7840

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 9 Twp: 10N Rng: 93W Meridian: 6  
Latitude: 40.846519 Longitude: -107.843119

Footage at Surface: 565 feet FNL/FSL FNL 1709 feet FEL/FWL FWL

11. Field Name: Teardrop Field Number: 80950

12. Ground Elevation: 6869 13. County: MOFFAT

14. GPS Data:

Date of Measurement: 10/19/2010 PDOP Reading: 3.7 Instrument Operator's Name: Robert 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 \_\_\_\_\_

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: 1100 ft

18. Distance to nearest property line: 395 ft 19. Distance to nearest well permitted/completed in the same formation: 1200 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.)
Fort Union	FTUN	NA		
Lance	LNCE	NA		

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):  
NE/4 NW/4 and N/2 NE/4 of Sec. 9, SE/4 and SE/4 SW/4 Sec 4, T10N-R93W, 6th PM

25. Distance to Nearest Mineral Lease Line: 395 ft 26. Total Acres in Lease: 320

**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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	927	470	927	0
1ST	7+7/8	5+1/2	17	0	7,800	390	7,800	4,156

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

33. Comments \_\_\_\_\_

34. Location ID: 313191

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 White

Title: Regulatory Analyst Date: 1/6/2011 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. Noshin Director of COGCC Date: 1/27/2011

**API NUMBER**  
05 081 07177 00

Permit Number: \_\_\_\_\_ Expiration Date: 1/26/2013

**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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) THE PRESENT SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 115 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name
400121116	FORM 2 SUBMITTED
400121151	SURFACE AGRMT/SURETY
400121152	30 DAY NOTICE LETTER
400121154	EXCEPTION LOC WAIVERS
400121156	PROPOSED BMPs

Total Attach: 5 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed zone type to multiple, removed unit information as well is no longer in the unit, removed surface bond number there is a SUA, removed unit acreage assigned to well,	1/11/2011 3:16:57 PM

Total: 1 comment(s)

**BMP**

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

Total: 0 comment(s)