

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



|    |    |    |    |
|----|----|----|----|
| DE | ET | OE | ES |
|----|----|----|----|

## APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

## 2. TYPE OF WELL

 OIL ☐ GAS ☒ COALBED ☐ OTHER \_\_\_\_\_  
 SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☐
Refiling ☐Sidetrack ☐

Document Number:

400192651

Plugging Bond Surety

20000063

3. Name of Operator: MULL DRILLING COMPANY INC

4. COGCC Operator Number: 61250

5. Address: 1700 N WATERFRONT PKWY B#1200

City: WICHITA State: KS Zip: 67206-6637

6. Contact Name: MARK SHREVE Phone: (316)264-6366 Fax: (316)264-6440

Email: MSHREVE@MULLDRILLING.COM

7. Well Name: APC-MEDFORD STATE UNIT

Well Number: 1-9

8. Unit Name (if appl):

Unit Number:

9. Proposed Total Measured Depth: 5600

## WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 9 Twp: 16S Rng: 46W Meridian: 6

Latitude: 38.672350

Longitude: -102.569940

Footage at Surface: 398 feet FNL/FSL FSL 1083 feet FEL/FWL FEL

11. Field Name: WILDCAT

Field Number: 99999

12. Ground Elevation: 4202

13. County: CHEYENNE

## 14. GPS Data:

Date of Measurement: 08/02/2011 PDOP Reading: 2.8 Instrument Operator's Name: KEITH WESTFALL

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: 5755 ft

18. Distance to nearest property line: 398 ft 19. Distance to nearest well permitted/completed in the same formation: 5280 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| MARMATON               | MRTN           |                         |                               |                                      |
| MISSISSIPPIAN          | MSSP           |                         |                               |                                      |
| SHAWNEE                | SHWNE          |                         |                               |                                      |

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8572.522. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 2001016523a. 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):

ALL SECTION 9-T16S-R46W AND ALL OF SECTION 16-T16S-R46W.

25. Distance to Nearest Mineral Lease Line: 1083 ft

26. Total Acres in Lease: 1280

### 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: DRY AND BURY

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             | 500           | 400       | 400     | 0       |
| 1ST         | 7+7/8        | 5+1/2          | 15.5       | 0             | 5,600         | 250       | 5,600   | 3,700   |
|             |              |                | Stage Tool | 0             | 2,750         | 450       | 2,750   | 0       |

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

33. Comments NO CONDUCTOR CASING WILL BE SET, INTERMEDIATE CASING WILL ONLY BE RUN IF NECESSARY DUE TO LOST CIRCULATION.

34. Location ID: \_\_\_\_\_

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: MARK SHREVE

Title: PRESIDENT/COO Date: 8/5/2011 Email: MSHREVE@MULLDRILLING.

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: \_\_\_\_\_

API NUMBER

05

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                 |
|-------------|----------------------|
| 400192651   | FORM 2 SUBMITTED     |
| 400192717   | WELL LOCATION PLAT   |
| 400192718   | TOPO MAP             |
| 400192803   | 30 DAY NOTICE LETTER |

Total Attach: 4 Files

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)

### BMP

| <u>Type</u>                            | <u>Comment</u>  |
|--|---|
| Construction                           | ACCESS ROAD, WELL PAD AND PIT DISTURBANCES MINIMIZED.<br>SOILS SEGREGATED BY TYPE TO FACILITATE RECLAMATION.<br>STORM WATER CONTROLS DEPLOYED AND ROUTINELY INSPECTED.  |
| Wildlife                               | DEVELOPEMENT AND IMPLEMENTATION OF A WILDLIFE MANAGEMENT PLAN, IF PROTECTED SPECIES ARE PRESENT.  |
| Storm Water/Erosion Control            | DURING DRILLING/COMPLETION OPERATIONS, IMPLEMENTATION OF STORM WATER POLLUTION PREVENTION PLAN.<br>FOLLOWING DRILLING/COMPLETION OPERATIONS, PROMPT RECLAMATION OF DISTURBED AREAS.<br>DURING PRODUCTION OPERATIONS, IMPLEMENTATION OF MDEC'S POST CONSTRUCTION STORM WATER MANAGEMENT PROGRAM.   |
| Material Handling and Spill Prevention | DURING DRILLING/COMPLETION OPERATIONS, STORAGE AREAS GRADED TOWARDS PIT.<br>DURING PRODUCTION OPERATIONS, IMPLEMENTATION OF SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN & DAILY INSPECTION.<br>ALL STOCK AND PRODUCED WATER TANKS HAVE SECONDARY CONTAINMENT.   |
| Planning                               | CONDUCT INITIAL SITE ASSESSMENT<br>IDENTIFICATION OF NEARBY WATER BODIES.<br>IDENTIFICATION OF VEGETATION TYPES.<br>IDENTIFICATION OF PROTECTED WILDLIFE SPECIES.<br>IDENTIFICATION OF POTENTIAL ACCESS ROUTES TO MINIMIZE DISTURBANCES.<br>IDENTIFICATION OF NEARBY IMPROVEMENTS.  |
| Final Reclamation                      | ALL EQUIPMENT AND DEBRIS REMOVED.<br>ALL REMAINING DISTURBED AREAS, INCLUDING ACCESS ROADS, RECLAIMED.<br>NOXIOUS WEED CONTROL PLAN DEVELOPED, IF APPROPRIATE.  |
| Drilling/Completion Operations         | INCLUDES STRUCTURAL PRACTICES:<br>IMPLEMENT STORM WATER POLLUTION PREVENTION PLAN, INCLUDING ROUTINE INSPECTIONS AND EVALUATION OF EFFECTIVENESS.<br>LOCATE TANK BATTIERS AT SAFE DISTANCE FROM PUBLIC ROADWAYS AND RAILHEAD.<br>FULL CONTAINMENT FOR STOCK TANKS AND SEPARATORS.<br>INSTALLATION OF PIPELINES IN COMMON TRENCHES WHEN PRACTICAL.<br>INSTALLATION OF PIPELINES AT RIGHT ANGLES TO WATER BODIES (DRAINAGES, WETLANDS, PERENNIAL WATER BODIES) WHERE PRACTICAL. |
| Interim Reclamation                    | DEBRIS AND WASTE MATERIAL REMOVED.<br>AREAS NOT IN USE, RECLAIMED PROMPTLY, PITS CLOSED USING SEGREGATED MATERIAL, WELL PAD AND OTHER COMPACTED SURFACES RIPPED.<br>NOXIOUS WEEDS CONTROLLED.   |
| General Housekeeping                   | DRILLING AND PRODUCTION OPERATIONS CONDUCTED IN SAFE, WORKMANLIKE MANNER.<br>SAFETY EXPECTATIONS INCLUDE GOOD HOUSEKEEPING.<br>DURING DRILLING/COMPELTION OPERATIONS, DEBRIS STORED IN CAGED CONTAINER WHICH IS REMOVED FROM THE SITE.<br>DURING PRODUCTION OPERATIONS, THE LEASE IS INSPECTED DAILY BY MDC PERSONNEL.  |
| Pre-Construction                       | PREPARATION OF A STORM WATER PLLUTION PREVENTION PLAN.<br>ACQUISITION OF A STORM WATER DISCHARGE PERMIT.<br>CONSULTATION WITH THE SURFACE LANDOWNER OR APPOINTED AGENT.<br>FINALIZE ACCESS ROUTES.<br>FINALIZE WELL PAD LOCATION TO MINIMIZE SURFACE GRADE IMPACTS.<br>FINALIZE WELL PAD LAYOUT TO MINIMIZE DISTURBANCES.<br>DEVELOP WILDLIFE MANAGEMENT PLAN IF PROTECTED SPECIES ARE PRESENT.   |
| Total: 10 comment(s)                   |   |