

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 ZONE ☒ COMMINGLE ZONE ☐

Refiling ☐  
Sidetrack ☐

Document Number:

2592368

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: JETTIE Well Number: 1-34

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

9. Proposed Total Measured Depth: 5000

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 34 Twp: 18S Rng: 45W Meridian: 6

Latitude: 38.453160 Longitude: -102.449500

Footage at Surface: 658 feet FNL/FSL 1621 feet FEL/FWL FWL

11. Field Name: Cavalry Field Number: 10340

12. Ground Elevation: 3907.43 13. County: KIOWA

14. GPS Data:

Date of Measurement: 09/08/2010 PDOP Reading: 1.8 Instrument Operator's Name: KEITH WESTFALL HIGH PRAIRIE SURVEY

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: 1200 ft

18. Distance to nearest property line: 658 ft 19. Distance to nearest well permitted/completed in the same formation: 4400 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			
MORROW	MRRW			

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):  
NW/4 SECTION 34-T18S-R45W, 6TH PM, KIOWA COUNTY, COLORADO

25. Distance to Nearest Mineral Lease Line: 658 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: DRY & 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		300	200	300	0
1ST	7+7/8	5+1/2	15.5		5,000	250	5,000	3,500
S.C. 1.1					2,300	300	2,300	0

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

33. Comments NO CONDUCTOR OR INTERMEDIATE CASING WILL BE SET.

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/CEO Date: 1/6/2011 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: David S. Neslin Director of COGCC Date: 2/4/2011

#### API NUMBER

05 061 06852 00

Permit Number: \_\_\_\_\_ Expiration Date: 2/3/2013

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) Provide 24 hour notice of MIRU to Mike Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us.
- 2) Proposed cement is adequate. Ensure coverage to at least 200' above the Lansing (LNSG) and 50' below to 50' above Cheyenne/Dakota (1350' - 700'). Verify w/ CBL.
- 3) If well is a dry hole set the following plugs: 40 sks cement +/- 50' above the Morrow, 40 sks cement +/- 50' above the Lansing, 40 sks cement across any DST w/ show, 40 sks cement 50' below base of Cheyenne (1350' up), 40 sks cement 50' above top of Dakota (700' up), 50 sks cement from 50' below surface casing shoe up into surface casing, 15 sks cement in top of surface csg, cut 4 ft below GL, weld on plate, 5 sks cement each in rat hole and mouse hole.

### Attachment Check List

Att Doc Num	Name
2592368	APD ORIGINAL
2592369	WELL LOCATION PLAT
2592370	TOPO MAP
2592371	30 DAY NOTICE LETTER
2592372	30 DAY NOTICE LETTER

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED- JLV	2/4/2011 10:50:13 AM
Permit	Change Field to Cavalry, change distance to nearest well, change distance to nearest building, change zone to multiple. JLV	2/4/2011 8:57:15 AM

Total: 2 comment(s)

### BMP

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

Total: 0 comment(s)