

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400436172

Date Received:

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 ☐

PluggingBond SuretyID

200000063

3. Name of Operator: MULL DRILLING COMPANY INC4. COGCC Operator Number: 612505. Address: 1700 N WATERFRONT PKWY B#1200City: WICHITA State: KS Zip: 67206-66376. Contact Name: MARK SHREVE Phone: (316)264-6366 Fax: (316)264-6440Email: MSHREVE@MULLDRILLING.COM7. Well Name: PORKY Well Number: 1-328. Unit Name (if appl): N/A Unit Number: N/A9. Proposed Total Measured Depth: 5000

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 32 Twp: 17S Rng: 45W Meridian: 6Latitude: 38.529020 Longitude: -102.476050Footage at Surface: 687 feet FNL/FSL 978 feet FEL/FWL FEL11. Field Name: WILDCAT Field Number: 9999912. Ground Elevation: 3979.03 13. County: KIOWA

14. GPS Data:

Date of Measurement: 05/29/2013 PDOP Reading: 2.1 Instrument Operator's Name: ELIJAH FRANE15. 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 162 ft18. Distance to nearest property line: 687 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 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 | | | |
| MORROW | MRRW | | | |

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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):

W/2 AND SE/4 SECTION 32-17S-45W, 6TH P.M.

25. Distance to Nearest Mineral Lease Line: 687 ft

26. Total Acres in Lease: 480

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 | 300 | 200 | 300 | 0 |
| 1ST | 7+7/8 | 5+1/2 | 15.5 | 0 | 5,000 | 250 | 5,000 | 3,500 |
| | | | Stage Tool | 0 | 2,300 | 300 | 2,300 | 0 |

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

33. Comments NO CONDUCTOR CASNG 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/COO

Date: _____

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.

Date retrieval failed for the subreport 'IntPolicy_NTC' located at: W:\Intsub\Nat\Report\policy_ntc.rdl. Please check th

Attachment Check List

| Att Doc Num | Name |
|-------------|----------------------|
| 400436266 | WELL LOCATION PLAT |
| 400436267 | TOPO MAP |
| 400436357 | 30 DAY NOTICE LETTER |
| 400436361 | H2S CONTINGENCY PLAN |

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 | <ul style="list-style-type: none">• Access road, well pad and pit disturbances minimized• Soils segregated by type to facilitate reclamation• Storm water controls deployed and routinely inspected |
| Wildlife | <ul style="list-style-type: none">• Development and implementation of a Wildlife Management Plan if protected species are present |
| Planning | <ul style="list-style-type: none">• Conduct Initial Site Assessment<ul style="list-style-type: none">o Identification of nearby water bodieso Identification of vegetation typeso Identification of protected wildlife specieso Identification of potential access routes to minimize disturbanceso Identification of nearby improvements |
| Storm Water/Erosion Control | <ul style="list-style-type: none">• During drilling / completion operations, implementation of Storm Water Pollution Prevention Plan• Following drilling/completion operations, prompt reclamation of disturbed areas• During production operations, implementation of MDC's Post Construction Storm Water Management Program |
| General Housekeeping | <ul style="list-style-type: none">• Drilling and production operations conducted in safe, workmanlike manner. Safety expectations include good housekeeping.• During drilling/completion operations, debris stored in caged container which is removed from the site.• During production operations, the lease is inspected daily by MDC personnel. |
| Site Specific | Per stock well 754 feet southeast of proposed well pad – structural practices will be implemented at the site to minimize erosion and sediment transport. Practices may include but are not limited to: straw bales, wattles/sediment control logs, silt fences, earth dikes, drainage swales, sediment traps, subsurface drains, pipe slope drains, inlet protection, outlet protection, gabions, and temporary sediment basins. |
| Interim Reclamation | <ul style="list-style-type: none">• Debris and waste material removed• Areas not in use reclaimed promptly; pits closed using segregated material; well pad and other compacted surfaces ripped• Noxious weeds controlled |
| Final Reclamation | <ul style="list-style-type: none">• All equipment and debris removed• All remaining disturbed areas, including access roads, reclaimed• Noxious Weed Control Plan developed if appropriate |

| | |
|--|---|
| Pre-Construction | <ul style="list-style-type: none"> • Preparation of a Storm Water Pollution Prevention Plan. Acquisition of a Storm Water Discharge Permit • Consultation with the surface landowner or appointed agent • Finalize access routes • Finalize well pad location to minimize surface grade impacts • Finalize well pad layout to minimize disturbances • Develop wildlife management plan if protected species are present |
| Material Handling and Spill Prevention | <ul style="list-style-type: none"> • During drilling/completion operations, storage areas graded towards pit • During production operations, implementation of Spill Prevention, Control and Countermeasure Plan & daily inspection • All stock and produced water tanks have secondary containment |
| Drilling/Completion Operations | <p>INCLUDES STRUCTURAL PRACTICES:</p> <ul style="list-style-type: none"> • Implement Storm Water Pollution Prevention Plan, including routine inspections and evaluation of effectiveness • Locate tank batteries at safe distance from public roadways and railhead • Full containment for stock tanks and separators • Installation of pipelines in common trenches when practical • Installation of pipelines at right angles to water bodies (drainages, wetlands, perennial water bodies) where practical |

Total: 11 comment(s)