

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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Document Number:

1808636

Plugging Bond Surety

20070094

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 ☐

3. Name of Operator: NEWFIELD PRODUCTION COMPANY

4. COGCC Operator Number: 10240

5. Address: 1401 17TH ST STE 1000

City: DENVER State: CO Zip: 80202

6. Contact Name: ERIC SUNDBERG Phone: (303)382-4470 Fax: ()

Email: ESUNDBERG@NEWFIELD.COM

7. Well Name: MOSHER Well Number: 1-1H

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

9. Proposed Total Measured Depth: 9843

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 1 Twp: 13S Rng: 54W Meridian: 6

Latitude: 38.938372 Longitude: -103.388335

Footage at Surface: 647 FNL/FSL FSL 650 FEL/FWL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4864.6 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 10/02/2009 PDOP Reading: 2.3 Instrument Operator's Name: GNA

15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 649 FEL/FWL 1062 Bottom Hole: FNL/FSL 660 FEL/FWL 658  
Sec: 1 Twp: 13S Rng: 54W Sec: 1 Twp: 1S Rng: 54W

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: 647 ft

18. Distance to nearest property line: 647 ft 19. Distance to nearest well permitted/completed in the same formation: 1 mi

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.)
CHEROKEE B	CHRK		320	

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: FEE

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: 20070095

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):  
SECTION 1: T13N-R54W

25. Distance to Nearest Mineral Lease Line: 658 ft 26. Total Acres in Lease: 640

### 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: RESERVE PIT

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	17+1/2	13+3/8	54.5	400	309	400	0
1ST	8+3/4	7	23	6,363	463	6,363	0
1ST LINER	6+1/2	4+1/2	11.6	9,843			

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

33. Comments

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: ERIC SUNDBERG

Title: REGULATORY Date: 10/23/2009 Email: ESUNDBERG@NEWFIELD.C

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: 12/3/2009

API NUMBER

05 073 06393 01

Permit Number: \_\_\_\_\_ Expiration Date: 12/2/2010

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 Leonard at 719-767-2805 or e-mail at mike.leonard@ state.co.us. 2) If production casing is set provide cement coverage to at least 200' above shallowest potential productive interval (200' above Cherokee minimum), and stage cement Cheyenne and Dakota (3350'-2800' minimum). Run CBL to verify primary and stage cement jobs. 3) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Cherokee, 40 sks cement above any DST zone, 40 sks cement 100' below base of Cheyenne (3350' up), 40 sks cement 50' above top of Dakota (2850' up), 50 sks cement from 50' below surface casing shoe up into surface casing, 10 sks cement in top of surface casing, cut 4 ft below GL, weld on plate, 5 sks cement in rat hole and mouse hole. 4) Comply with Rule 321. Run and submit directional survey from TD to KOP. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1808635	WELL LOCATION PLAT	LF@2165200 1808635
1808636	APD APPROVED	LF@2192170 1808636
1808637	DRILLING PLAN	LF@2165208 1808637
1808638	DEVIATED DRILLING PLAN	LF@2165206 1808638
1808640	30 DAY NOTICE LETTER	LF@2165202 1808640
1808650	ACCESS ROAD MAP	LF@2165204 1808650
1808658	ACCESS ROAD MAP	LF@2165204 1808658
1808945	WAIVERS	LF@2192095 1808945
1808946	WAIVERS	LF@2192097 1808946
2109232	SELECTED ITEMS REPORT	LF@2185818 2109232
400011545	FORM 2 SUBMITTED	LF@2171289 400011545
400020027	APD ORIGINAL	LF@2165198 400020027

Total Attach: 12 Files