

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:

1808649

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: 9900

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 1060 FSL 652 FEL 668 FEL/FWL 659 FEL 668
Sec: 1 Twp: 13S Rng: 54W Sec: 1 Twp: 13S Rng: 4W

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 #: _____

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: 659 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	9,900			

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

33. Comments deleted 10/19/2009

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 02

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
1808649	APD APPROVED	LF@2192172 1808649
1808650	ACCESS ROAD MAP	LF@2165222 1808650
1808651	DRILLING PLAN	LF@2165230 1808651
1808652	DEVIATED DRILLING PLAN	LF@2165224 1808652
1808653	TOPO MAP	LF@2165226 1808653
1808947	WAIVERS	LF@2192124 1808947
1808948	WAIVERS	LF@2192126 1808948
2097741	ACCESS ROAD MAP	LF@2165228 2097741
2109225	SELECTED ITEMS REPORT	LF@2185821 2109225
400014212	WELL LOCATION PLAT	LF@2177046 400014212
400014213	CONSULT NOTICE	LF@2177047 400014213
400020029	APD ORIGINAL	LF@2165220 400020029

Total Attach: 12 Files