

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:

2592610

Plugging Bond Surety

20100219

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: NOLTE* C J LLC

4. COGCC Operator Number: 10357

5. Address: 8713 GARRISON COURT

City: ARVADA State: CO Zip: 80005

6. Contact Name: CLIFF NOBLE Phone: (303)420-7971 Fax: ()

Email: CJNOLTE@COMCAST.NET

7. Well Name: COTTONWOOD GRAZING Well Number: 2-22

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 6550

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 22 Twp: 12S Rng: 52W Meridian: 6

Latitude: 38.981840 Longitude: -103.216390

Footage at Surface: 660 feet FNL/FSL 600 feet FEL/FWL FSL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4838.63 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 11/23/2010 PDOP Reading: 1.6 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: 600 ft

18. Distance to nearest property line: 600 ft 19. Distance to nearest well permitted/completed in the same formation: 1531 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.)
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):
SW/4 SW/4 SEC 22-12S-52W, 6THPRINCIPAL MERIDIAN

25. Distance to Nearest Mineral Lease Line: _____ 600 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 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: _____

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		450	250	450	0
1ST	7+7/8	5+1/2	15.5		6,550	215	6,550	5,436

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

33. Comments REFERENCE AREA WILL BE LAND ADJACENT TO THE LOCATION FOR RECLAMATION PURPOSES. NO CONDUCTOR 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: CLIFF NOLTE

Title: REGULATORY Date: 11/29/2010 Email: CJNOLTE@COMCAST.NET

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: 2/13/2011

API NUMBER

05 073 06443 00

Permit Number: _____ Expiration Date: 2/12/2013

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 Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us.
- 2) If production casing is set provide cement coverage to at least 200' above shallowest completed interval and stage cement Cheyenne/Dakota interval (3400'-2700' minimum). Run and submit CBL to verify all cemented intervals.
- 3) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Morrow, 40 sks cement across any DST w/ show, 40 sks cement 50' below Cheyenne (3400' up), 40 sks cement 50' above top of Dakota (2700' up), 50 sks cement from 50' below surface casing shoe up into surface casing, 15 sks cement in top of surface casing, 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
2566370	SURFACE CASING CHECK
2586476	OTHER
2586477	WAIVERS
2586478	WAIVERS
2592610	APD ORIGINAL
2592611	WELL LOCATION PLAT
2592612	TOPO MAP
2592613	SURFACE AGRMT/SURETY

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED- JLV	2/1/2011 10:54:41 AM
Permit	Change distance to nearest well and add that No Conductor Casing will be set per Operator JLV.	2/1/2011 10:50:38 AM
Engineer	Original cement bottom on 1st casing string was 5436'. Changed to same depth as casing 6550' and put the 5436' in the cement top column, guessing what the operator meant. Emailed operator.	1/25/2011 5:20:06 PM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)