

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:

1808840

Plugging Bond Surety

20080067

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: VECTA OIL & GAS LTD

4. COGCC Operator Number: 10267

5. Address: 5920 CEDAR SPRINGS ROAD - STE 200

City: DALLAS State: TX Zip: 75235

6. Contact Name: JOHN BEECHERL Phone: (214)357-0333 Fax: (214)357-9358

Email: JBEECHERL@BEECHERL.COM

7. Well Name: GRAYS Well Number: 23-27

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

9. Proposed Total Measured Depth: 5700

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 27 Twp: 13S Rng: 47W Meridian: 6

Latitude: 38.885840 Longitude: -102.661810

Footage at Surface: 1667 FNL/FSL FSL 1528 FEL/FWL FWL

11. Field Name: MOUNT PEARL Field Number: 56770

12. Ground Elevation: 4330 13. County: CHEYENNE

14. GPS Data:

Date of Measurement: 10/09/2009 PDOP Reading: 2.3 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: 1528 ft

18. Distance to nearest property line: 1528 ft 19. Distance to nearest well permitted/completed in the same formation: 2260 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.)
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 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):  
All of SEC. 27-13S-47W

25. Distance to Nearest Mineral Lease Line: 1528 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: \_\_\_\_\_

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	12+1/4	8+5/8	24	350	275	450	0
1ST	7+7/8	5+1/2	15.5	5,700	175	5,700	4,300

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: JOHN BEECHERL

Title: CEO Date: 11/13/2009 Email: JBEECHERL@BEECHERL.CO

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. Nashin Director of COGCC Date: 12/6/2009

**API NUMBER**

05 017 07690 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/5/2010

**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 the shallowest completed interval and across any tested intervals with shows. Stage cement Cheyenne/Dakota interval (est. 2470'-1640'). Run CBL across all cemented intervals. 3) If well is a dry hole set the following plugs: 40 sks cement +/- 50' above the Morrow, 40 sks cement across any DST zone with a show, 40 sks cement 100' below base of Cheyenne (est. 2470' up), 40 sks cement at top of Cheyenne (est. 2100' up), 40 sks cement 50' above top of Dakota (est. 1640' up), 50 sks cement from 50' below surface casing shoe up into surface casing, 10 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	Doc Description
1808840	APD ORIGINAL	LF@2179166 1808840
1808841	WELL LOCATION PLAT	LF@2179168 1808841
1808843	SURFACE AGRMT/SURETY	LF@2179172 1808843
1808844	WAIVERS	LF@2179174 1808844
1808857	ACCESS ROAD MAP	LF@2179170 1808857
400015452	FORM 2 SUBMITTED	LF@2181200 400015452

Total Attach: 6 Files