

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:

1289145

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: SHAVANO Well Number: 43-35

8. Unit Name (if appl): WILDCAT Unit Number: 99999

9. Proposed Total Measured Depth: 5850

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 35 Twp: 13S Rng: 46W Meridian: 6

Latitude: 38.873710 Longitude: -102.521950

Footage at Surface: 2023 FNL/FSL FSL 868 FEL/FWL FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4427 13. County: CHEYENNE

14. GPS Data:

Date of Measurement: 10/19/2009 PDOP Reading: 3.9 Instrument Operator's Name: NEAL MCCORMICK

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: 3160 ft

18. Distance to nearest property line: 868 ft 19. Distance to nearest well permitted/completed in the same formation: 6 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.)
MISSISSIPPI SPEFRGEN	MS-SP			

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. 35-13S-46W

25. Distance to Nearest Mineral Lease Line: 868 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	400	225	400	0
1ST	7+7/8	5+1/2	15.5	5,850	172	5,850	4,800

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: 11/12/2009 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: 12/18/2009

**API NUMBER**

05 017 07691 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/17/2010

**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 completed interval. 2) Stage cement from 100' below Cheyenne base to 50' above Dakota top (est. 2450' - 1800'). Run CBL to verify all cemented intervals. 3) If well is a dry hole set the following plugs: 40 sks cement 50' above the Morrow, 40 sks cement above any DST w/ show, 40 sks cement 2450' up, 40 sks cement 2170' up, 40 sks cement 1850' 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.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1289145	APD ORIGINAL	LF@2176708 1289145
1808830	WELL LOCATION PLAT	LF@2176710 1808830
1808831	TOPO MAP	LF@2176712 1808831
1808832	SURFACE AGRMT/SURETY	LF@2176714 1808832
1946931	WAIVERS	LF@2176716 1808834.00000
400015051	FORM 2 SUBMITTED	LF@2184455 400015051

Total Attach: 6 Files