

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



Document Number:

400243707

Date Received:

01/20/2012

PluggingBond SuretyID

20080067

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐

Sidetrack ☐

3. Name of Operator: VECTA OIL & GAS LTD

4. COGCC Operator Number: 10267

5. Address: 575 UNION BLVD #208

City: LAKEWOOD State: CO Zip: 80228

6. Contact Name: Mathew Goolsby Phone: (303)618-7736 Fax: (303)945-2869

Email: matgoolsby@vecta-denver.com

7. Well Name: Huron State Well Number: 21-16

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

9. Proposed Total Measured Depth: 5600

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 16 Twp: 14s Rng: 47w Meridian: 6

Latitude: 38.834890 Longitude: -102.676230

Footage at Surface: 1011 feet FNL/FSL 2549 feet FEL/FWL  
FNL FWL

11. Field Name: Oyster Field Number: 66010

12. Ground Elevation: 4261 13. County: CHEYENNE

14. GPS Data:

Date of Measurement: 01/17/2012 PDOP Reading: 1.3 Instrument Operator's Name: Sally Pettibone

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: 1 mi

18. Distance to nearest property line: 1011 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1625 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			
Spergen	SPGN			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 06-8906

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):

All of Section 16, T14S, R47W, 6 PM

25. Distance to Nearest Mineral Lease Line: 1011 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	0	400	250	400	0
1ST	7+7/8	5+1/2	15.5	0	5,475	205	5,475	3,800
	7+7/8	5+1/2	Stage Tool		2,960	310	2,960	0

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

33. Comments 1) No conductor pipe is planned. 2) A DV type stage tool will be placed across the Stone Corral, and cement pumped to surface to protect the Chyenne and Dakota aquifers.

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: Mathew Goolsby

Title: VP-Operations Date: 1/20/2012 Email: matgoolsby@vecta-denver.com

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: \_\_\_\_\_ Director of COGCC Date: 3/29/2012

#### API NUMBER

05 017 07715 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/28/2014

#### 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 the shallowest completed interval and 50' below to 50' above Cheyenne/Dakota interval (2240'-1520'). Operator proposed stage cement from 2960' to surface meets this requirement. Verify with CBL.
- 3) If well is a dry hole set the following plugs: 40 sks cement +/- 50' above the MRTN, 40 sks cement across any DST w/ show, 40 sks cement 50' below base of Cheyenne (2240' up), 40 sks cement 50' above top of Dakota (1520' up), 50 sks cement from 50' below surface casing shoe up into surface casing, 15 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
1698825	CORRESPONDENCE
2063834	SURFACE CASING CHECK
400243707	FORM 2 SUBMITTED
400243738	TOPO MAP
400243843	PLAT

Total Attach: 5 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final Review passed 3/29/201 NKP	3/29/2012 1:24:37 PM
Permit	Per T. Kelly, SLB: Vecta bond has been posted. They are in good shape. 3/29/2012	3/29/2012 1:22:10 PM
Permit	Email to State Land Board to verify bonding. 2/13/2012 NKP Update 2/24/2012 SLB is working with Vecta to update bonding.	2/13/2012 9:04:40 AM
Permit	Operator attached well location plat. This form has passed completeness.	1/23/2012 6:55:32 AM
Permit	Returned to draft. Missing well location plat.	1/20/2012 2:43:49 PM

Total: 5 comment(s)

### **BMP**

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

Total: 0 comment(s)