

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400406790

Date Received:

04/29/2013

PluggingBond SuretyID

20120117

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: Snowmass Well Number: 32-32

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

9. Proposed Total Measured Depth: 5950

WELL LOCATION INFORMATION

10. QtrQtr: Lot 7 Sec: 32 Twp: 12s Rng: 47w Meridian: 6

Latitude: 38.960780 Longitude: -102.694900

Footage at Surface: 2566 feet FNL/FSL 2404 feet FEL/FWL
 Footage at Surface: 2566 feet FNL 2404 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4523 13. County: CHEYENNE

14. GPS Data:

Date of Measurement: 02/28/2013 PDOP Reading: 1.8 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: 4200 ft

18. Distance to nearest property line: 255 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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	548-1	160	SWNE,SENE,NESW,NWSE
Spergen	SPGN	548-1	160	SWNE,SENE,NESW,NWSE

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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):

E/2 Sec 32, T12S, R47W, 6PM

25. Distance to Nearest Mineral Lease Line: 255 ft

26. Total Acres in Lease: 316

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	5850	205	5850	4150
	7+7/8	5+1/2	Stage Tool	0	3430	350	3430	0

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

33. Comments 1) No conductor pipe is planned.2) Surface owner's signature is on an Oil & Gas Lease, but a SUA is also in effect (attached).

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: 4/29/2013

Email: matgoolsby@vecta-denver.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 9/20/2013

API NUMBER

05 017 07771 00

Permit Number: _____

Expiration Date: 9/19/2015

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.

COA Type	Description
	<p>1) Provide 48 hour notice prior to spud via electronic Form 42.</p> <p>2) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval or MRTN whichever is shallower and stage cement Cheyenne/Dakota (2900'-2000' minimum). Run and submit CBL to verify cemented intervals.</p> <p>3) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Mississippian, 40 sks cement +/- 50' above the Morrow, 40 sks cement +/- 50' above the Marmaton, 40 sks cement across any DST w/ show, 40 sks cement at 2900' up, 40 sks cement at 2000' 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.</p>

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
400406790	FORM 2 SUBMITTED
400406925	WELL LOCATION PLAT
400406926	TOPO MAP
400406942	SURFACE AGRMT/SURETY
400406961	OIL & GAS LEASE
400406963	OIL & GAS LEASE

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Permit	Final review completed; no LGD or public comment received.	9/20/2013 6:33:19 AM
Permit	Distance to well permitted or completed in the same source of supply changed to not reflect P&A wells.	9/20/2013 6:29:26 AM
Permit	Spacing and pooling application approved. Removed operator comment regarding pooling all of Section 32 and entered spacing order information for 160 acre unit.	9/20/2013 6:28:43 AM
Permit	Spacing application has been continued to the September hearing.	3/7/2013 5:49:10 AM
Permit	Operator is filing for a spaced area of this section in July 2013 hearing. According to the spaced area application the operator does not have 100% of the mineral interests.	6/17/2013 11:44:19 AM
Permit	On hold - Operator has stated they will pool section 32 based upon having leases for the W/2 and E/2 that allow pooling. Do the leases represent 100% of the mineral interest for section 32?	5/6/2013 8:06:08 AM
Permit	This form has passed completeness.	5/2/2013 9:04:53 AM
Permit	Returned to draft. Requested corrected plugging bond number.	4/30/2013 11:18:07 AM

Total: 8 comment(s)

Best Management Practices

No	BMP/COA Type	Description