

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



DE ET OE ES

Document Number:
400157917
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: 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: Torreys Well Number: 31-4

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

9. Proposed Total Measured Depth: 5600

WELL LOCATION INFORMATION

10. QtrQtr: NW NE Sec: 4 Twp: 14s Rng: 47w Meridian: 6
Latitude: 38.865740 Longitude: -102.672720

Footage at Surface: 354 feet FNL 1623 feet FEL
FNL/FSL FEL/FWL

11. Field Name: wildcat Field Number: 99999

12. Ground Elevation: 4297 13. County: CHEYENNE

14. GPS Data:

Date of Measurement: 02/08/2011 PDOP Reading: 1.5 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: 5280 ft

18. Distance to nearest property line: 354 ft 19. Distance to nearest well permitted/completed in the same formation: 1500 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 #: _____

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):
NE 1/4 Section 4, T14S, R47W, 6th PM

25. Distance to Nearest Mineral Lease Line: 354 ft 26. Total Acres in Lease: 160

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	5,498	215	5,498	3,850
	7+7/8	5+1/2	Stage Tool		3,025	305	3,025	0

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

33. Comments 1) This location is within 600 feet of the lease line, and a Waiver and Consent as been obtained from the infringed lease (Anadarko Land Corp). Copy of signed waiver is attached. 2) The attached document # 400157967 "Location Pictures" also includes the Reference Area photos.

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: 4/26/2011 Email: matgoalsby@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: David S. Nash Director of COGCC Date: 6/24/2011

API NUMBER
05 017 07705 00

Permit Number: _____ Expiration Date: 6/23/2013

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.

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Attachment Check List

Att Doc Num	Name
1792180	VARIANCE REQUEST
2112790	SURFACE CASING CHECK
400157917	FORM 2 SUBMITTED
400157964	WELL LOCATION PLAT
400157965	TOPO MAP
400157971	EXCEPTION LOC WAIVERS

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received request letter and attached it. BY	6/21/2011 8:34:39 AM
Permit	Requested a waiver request letter to the Director from the operator, email to Mat Goolsby. BY	6/6/2011 9:56:35 AM
Engineer	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 (200' above Mrrw minimum) and 50' below to 50' above Cheyenne/Dakota interval (2300'-1600'minimum). Verify with CBL. 3) If well is a dry hole set the following plugs: 40 sks cement +/- 50' above the Mrrw, 40 sks cement across any DST w/ show, 40 sks cement 100' below base of Cheyenne (2300' up), 40 sks cement 50' above top of Dakota (1600' 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.	5/16/2011 2:59:38 PM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)