

**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:  
400089763  
Plugging Bond Surety  
20090069

**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: DELTA PETROLEUM CORPORATION 4. COGCC Operator Number: 16800  
5. Address: 370 17TH ST STE 4300  
City: DENVER State: CO Zip: 80202  
6. Contact Name: Hannah Knopping Phone: (720)985-6647 Fax: ()  
Email: hknopping@progressivepcs.net  
7. Well Name: NVega Well Number: 24-14H  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 15843

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNW Sec: 24 Twp: 9S Rng: 93W Meridian: 6  
Latitude: 39.265967 Longitude: -107.726961  
Footage at Surface: 584 FNL/FSL FNL 833 FEL/FWL FWL  
11. Field Name: Buzzard Creek Field Number: 9500  
12. Ground Elevation: 7598 13. County: GARFIELD

14. GPS Data:  
Date of Measurement: 08/25/2010 PDOP Reading: 3.1 Instrument Operator's Name: Robert L. Kay

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
Footage at Top of Prod Zone: FNL/FSL 1000 FNL 500 FWL 720 FSL 500 FWL  
Bottom Hole: FNL/FSL 720 FSL 500 FWL  
Sec: 24 Twp: 9S Rng: 93W Sec: 24 Twp: 9S Rng: 93W

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: 5300 ft  
18. Distance to nearest property line: 363 ft 19. Distance to nearest well permitted/completed in the same formation: 5280 ft

**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.)
Niobrara	NBRR			

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):  
See attached mineral lease description.

25. Distance to Nearest Mineral Lease Line: 707 ft 26. Total Acres in Lease: 1630

### 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: Reclaim wtr & bury cuttings

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
1ST	6+1/2	5+1/2	21.4/23#	15,843			

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

33. Comments THIS IS LATERAL #1 OPTION FOR THE NVEGA 24-14H. PLEASE REFERENCE DOCUMENT#400089762 FOR THE VERTICAL PILOT HOLE INFORMATION. THE CASING STRING FOR THIS LATERAL WILL NOT BE CEMENTED; INSTEAD DELTA WILL SWELL PACKERS IN THE HORIZONTAL SECTION. #24: THE DISTANCE TO NEAREST MINERAL LEASE LINE LISTED IS TO A LEASE THAT WILL BE POOLED (SEE ATTACHED "DECLARATION OF UNITIZATION AND POOLING") AND THEREFORE THIS WELL DOES COMPLY WITH RULE 318a.

34. Location ID: 334486

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: Hannah Knopping

Title: Regulatory Agent Date: \_\_\_\_\_ Email: hknopping@progressivepcs.net

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: \_\_\_\_\_

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

API NUMBER

05

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.

### Attachment Check List

Att Doc Num	Name	Doc Description
400089817	SURFACE AGRMT/SURETY	Frank Haynie SUA & Letter Agreement.pdf
400089818	30 DAY NOTICE LETTER	Haynie 30 day-letter.pdf
400089820	LEGAL/LEASE DESCRIPTION	Mineral Lease Description_Niobrara well 9-1-10.pdf
400089821	WELL LOCATION PLAT	NVega 24-14H Well Location Plat (Lateral #1).pdf
400089822	TOPO MAP	NVega Pad 5A_Topo Map.pdf.pdf
400089867	OTHER	NVega 24-14H_Declaration of Pooling (Lateral #1).pdf
400090212	DEVIATED DRILLING PLAN	Crescent Directional Plan NVega 24-14H Option 1.pdf

Total Attach: 7 Files