

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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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 ☐

Document Number:

400089764

Plugging Bond Surety

20090069

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: 15786

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: MESA

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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
 1000 FNL 500 FWL 1113 FSL 1495 FEL
 Sec: 24 Twp: 9S Rng: 93W Sec: 23 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

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.)
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: 287 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#	15,786			

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

33. Comments THIS IS LATERAL #2 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
400089841	WELL LOCATION PLAT	NVega 24-14H Well Location Plat (Lateral #2).pdf
400089842	SURFACE AGRMT/SURETY	Frank Haynie SUA & Letter Agreement.pdf
400089843	30 DAY NOTICE LETTER	Haynie 30 day-letter.pdf
400089844	LEGAL/LEASE DESCRIPTION	Mineral Lease Description_Niobrara well 9-1-10.pdf
400089845	TOPO MAP	NVega Pad 5A_Topo Map.pdf.pdf
400089868	OTHER	NVega 24-14H_Declaration of Pooling (Lateral #2).pdf
400090214	DEVIATED DRILLING PLAN	Crescent Directional Plan NVega 24-14H Option 2.pdf

Total Attach: 7 Files