

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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| DE | ET | OE | ES |
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Document Number:

400091527

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: 28-14H

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

9. Proposed Total Measured Depth: 14000

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 28 Twp: 9S Rng: 93W Meridian: 6

Latitude: 39.254245 Longitude: -107.781475

Footage at Surface: 406 FNL/FSL FNL 660 FEL/FWL FWL

11. Field Name: Vega Field Number: 85930

12. Ground Elevation: 7511 13. County: MESA

14. GPS Data:

Date of Measurement: 08/25/2010 PDOP Reading: 3.0 Instrument Operator's Name: Elwood Barry Giles

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: 1815 ft

18. Distance to nearest property line: 406 ft 19. Distance to nearest well permitted/completed in the same formation: 330 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Iles                   | ILES           | 399-4                   |                               |                                      |
| Niobrara               | NBRR           |                         |                               |                                      |
| Williams Fork          | WMFK           | 399-4                   |                               |                                      |

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):  
T9S-R93W, Section 28: W/2NW/4, SE/4NW/4, SW/4 and Section 29: NE/4, E/2NW/4, NE/4SW/4, N/2SE/4

25. Distance to Nearest Mineral Lease Line: 406 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 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 |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| CONDUCTOR   | 26           | 20             | 106#            | 90            | 140          | 90            | 0          |
| SURF        | 17+1/2       | 13+3/8         | 68#             | 2,200         | 1,266        | 2,200         | 0          |
| 1ST         | 12+1/4       | 9+5/8          | 47#             | 8,500         | 630          | 8,500         | 4,900      |
| 1ST LINER   | 8+1/2        | 7+5/8          | 29.7#           | 12,273        | 260          | 12,273        | 8,200      |

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

33. Comments THIS IS A VERTICAL PILOT HOLE. WE WILL DRILL THIS PILOT HOLE AND THEN RUN LOGS TO CONFIRM FRACTURE ORIENTATION, ETC. A SEPARATE FORM 2 APD HAS BEEN FILED FOR A HORIZONTAL LATERAL PLANNED TO BE DRILLED FROM THIS WELLBORE. PLEASE REFERENCE DOC#400091528. DELTA OWNS THE SURFACE AND THEREFORE WE HAVE NOT ATTACHED A 30-DAY LETTER OR SUA SINCE THEY ARE NOT APPLICABLE.

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: Hannah Knopping

Title: Regulatory Agent Date: 9/15/2010 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: David S. Neslin Director of COGCC Date: 10/27/2010

Permit Number: \_\_\_\_\_ Expiration Date: 10/26/2012

**API NUMBER**

05 077 10109 00

**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.

The NVega 28-14H shall not produce from the Williams Fork/Iles as long as four other wells in the NWNW quarter are also producing.

(1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) CEMENT-TOP VERIFICATION BY CBL REQUIRED

(3) THE SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 72 FEET DEEP.

**Attachment Check List**

| Att Doc Num | Name               | Doc Description        |
|-------------|--------------------|------------------------|
| 400091527   | FORM 2 SUBMITTED   | LF @ 2542800 400091527 |
| 400091547   | WELL LOCATION PLAT | LF @ 2542801 400091547 |
| 400092063   | TOPO MAP           | LF @ 2542802 400092063 |

Total Attach: 3 Files

**General Comments**

| <u>User Group</u> | <u>Comment</u>   | <u>Comment Date</u>      |
|-------------------|--|--------------------------|
| Permit            | Added the Niobrara formation per HK.   | 10/18/2010<br>2:40:30 PM |
| Permit            | Requesting operator add the target Niobrara formation to this application.         | 10/18/2010<br>9:18:43 AM |
| Permit            | If completed in the Williams Fork/Iles formation this will be 5th well in qtr/qtr. | 10/14/2010<br>2:59:27 PM |

Total: 3 comment(s)

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