

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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Document Number:

400046905

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: Kallasandra Moran Phone: (303)575-0323 Fax: (303)575-0324  
Email: kmoran@deltapetro.com

7. Well Name: Vega Unit Well Number: 4-444

8. Unit Name (if appl): Vega Unit Number: COC  
047696A

9. Proposed Total Measured Depth: 8194

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 4 Twp: 10S Rng: 93W Meridian: 6

Latitude: 39.217610 Longitude: -107.765968

Footage at Surface: 2094 FNL/FSL FSL FEL/FWL 413 FEL

11. Field Name: Vega Field Number: 85930

12. Ground Elevation: 8132 13. County: MESA

14. GPS Data:

Date of Measurement: 07/02/2008 PDOP Reading: 6.0 Instrument Operator's Name: J. Kirkpatrick, Bookcliff Survey

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 330 FSL 330 FEL 330 FEL 330 FEL 330 FEL  
Bottom Hole: FNL/FSL 330 FSL 330 FEL 330 FEL 330 FEL 330 FEL  
Sec: 4 Twp: 10S Rng: 93W Sec: 4 Twp: 10S 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: 950 ft

18. Distance to nearest property line: 413 ft 19. Distance to nearest well permitted/completed in the same formation: 455 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.)
Mesa Verde	MVRD	399-4	640	

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):  
T10A R93W: Sec.4: S2/SE, SESW

25. Distance to Nearest Mineral Lease Line: 330 ft 26. Total Acres in Lease: 120

### 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: Closed loop

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	24	16	55	60	200	60	0
SURF	12+1/4	8+5/8	24, 32	2,200	740	2,200	0
1ST	7+7/8	4+1/2	11.6	8,194	477	8,194	5,356

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

33. Comments Casing plan – Production casing top of cement will be > 500' above top of gas.

Delta Petroleum is the surface owner, therefore Rule 306 is not applicable. There will not be a 30 day letter or SUA attached.

I certify that all conditions in the original permit are the same. There have been no changes to land use or well construction. Pad 16P is an existing pad, no new construction or consultation is required. No wells have been drilled. No rig is on site. The location does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii). 5/6/10 plg.

34. Location ID: 334439

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: Kallasandra Moran

Title: Permit Representative Date: 3/15/2010 Email: kmoran@deltapetro.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: \_\_\_\_\_

Director of COGCC

Date: 5/9/2010

**API NUMBER**

05 077 09568 00

Permit Number: \_\_\_\_\_

Expiration Date: 5/8/2012**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.

1)24 HOUR SPUD NOTICE REQUIRED. E-MAIL: Shaun.Kellerby@state.co.us

2)CEMENT TOP VERIFICATION BY CBL REQUIRED.

3)THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.

4)THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 440 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400047817	FORM 2 SUBMITTED	LF@2439201 400047817

Total Attach: 1 Files