

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

1790873

Date Received:

10/06/2009

PluggingBond SuretyID

20090069

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

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: MIKE STANLEY Phone: (303)820-4024 Fax: (303)820-4025

Email: CJOHNSON@DELTAPETRO.COM

7. Well Name: VEGA Well Number: 4-222

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

9. Proposed Total Measured Depth: 7966

WELL LOCATION INFORMATION

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

Latitude: 39.218570 Longitude: -107.777793

Footage at Surface: 2521 feet FNL/FSL 1623 feet FEL/FWL

11. Field Name: VEGA Field Number: 85930

12. Ground Elevation: 8030 13. County: MESA

14. GPS Data:

Date of Measurement: 07/02/2008 PDOP Reading: 6.0 Instrument Operator's Name: T VIERS/BOOKCLIFF SURVEY

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  
1960 FNL 1660 FWL 1960 FNL 1660 FWL  
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: 248 ft

18. Distance to nearest property line: 176 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 259 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.)
MESAVERDE	MVRD	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 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):

T9S R93W – SEC. 33: NW/SE; T10S R93W – SEC. 4 LOT 2 (40.25), SW/NE, SE/NW

25. Distance to Nearest Mineral Lease Line: 337 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: RECLAIMWTR&BURYCUTS

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
CONDUCTOR	24	16	55		60	200	60	0
SURF	12+1/4	8+5/8	32		2200	740	2200	0
1ST	7+7/8	4+1/2	11.6		7966	477	7966	5687

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

33. Comments THE PAD HAS BEEN BUILT AND HAS 4 PRODUCING AND 15 PERMITTED WELLS ON THE LOCATION. NO DRILLING IS CURRENTLY TAKING PLACE ON THIS PAD. DELTA IS THE SURFACE OWNER FOR THIS LOCATION. ALL OTHER CONDITIONS REMAIN THE SAME.

34. Location ID: 334442

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: CHERYL JOHNSON

Title: REGULATORY

Date: 10/13/2009

Email: CJOHNSON@DELTAPETRO.

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 11/6/2009

#### API NUMBER

05 077 09803 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/5/2010

#### 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.

**Description**

24-HOUR SPUD NOTICE REQUIRED. E-MAIL david.Andrews@state.co.us

CEMENT-TOP VERIFICATION BY CBL REQUIRED.

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.

THE PROPOSED 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 220 FEET DEEP.

**Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
1790873	APD APPROVED
1790874	WELL LOCATION PLAT
400009645	FORM 2 SUBMITTED
400015968	APD ORIG & 1 COPY

Total Attach: 4 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
LGD	1790873 LGD Active 11/5/2009 VEGA 4-222 Approved by Mesa County as a Minor Site Plan: October 31, 2008	11/5/2009 5:09:57 PM
LGD	1790857 LGD Active 11/5/2009 VEGA 4-132 Approved by Mesa County as a Minor Site Plan: October 31, 2008  1790855 LGD Active 11/5/2009 VEGA 4-131 Approved by Mesa County as a Minor Site Plan: October 31, 2008  1790873 LGD Active 11/5/2009 VEGA 4-222 Approved by Mesa County as a Minor Site Plan: October 31, 2008  1790871 LGD Active 11/5/2009 VEGA 4-221 Approved by Mesa County as a Minor Site Plan: October 31, 2008  1790869 LGD Active 11/5/2009 VEGA 4-144 Approved by Mesa County as a Minor Site Plan: November 14, 2008  1790875 LGD Active 11/5/2009 VEGA 4-223 Approved by Mesa County as a Minor Site Plan: October 20, 2008  1790877 LGD Active 11/5/2009 VEGA 4-224 Approved by Mesa County as a Minor Site Plan: October 31, 2008  1790879 LGD Active 11/5/2009 VEGA 4-232 Approved by Mesa County as a Minor Site Plan: November 14, 2008  1790881 LGD Active 11/5/2009 VEGA 4-233 Approved by Mesa County as a Minor Site Plan: November 14, 2008	11/5/2009 4:55:44 PM

Total: 2 comment(s)

## Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>