

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:

400089762

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: 14000

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 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: 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.)
Iles	ILES	399-4		
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):
See attached mineral lease description.

25. Distance to Nearest Mineral Lease Line: 375 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 wt & 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#	12,293	260	12,293	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. FORM 2 APD'S FOR TWO SEPARATE LATERALS HAVE ALSO BEEN SUBMITTED. PLEASE REFERENCE DOC# 400089763 FOR LATERAL #1 OPTION AND DOC# 400089764 FOR LATERAL #2 OPTION. (NOTE: ONLY ONE OF THESE LATERALS WILL BE DRILLED FROM THE VERTICAL WELLBORE BUT TWO OPTIONS ARE BEING PERMITTED TO ALLOW FOR FLEXIBILITY SINCE LATERAL PLAN IS DEPENDANT UPON FRACTURE ORIENTATION).

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: _____

Date Run: 9/2/2010 Doc [#400089762] Well Name: NVega 24-14H

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API NUMBER

05

Permit Number: _____ Expiration Date: _____

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
400089808	SURFACE AGRMT/SURETY	Frank Haynie SUA & Letter Agreement.pdf
400089809	30 DAY NOTICE LETTER	Haynie 30 day-letter.pdf
400089810	TOPO MAP	NVega Pad 5A_Topo Map.pdf.pdf
400089814	WELL LOCATION PLAT	NVega 24-14H Well Location Plat (Vertical Pilot).pdf
400089815	LEGAL/LEASE DESCRIPTION	Mineral Lease Description_Niobrara well 9-1-10.pdf

Total Attach: 5 Files