

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:

400091409

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: 26-13H

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

9. Proposed Total Measured Depth: 14000

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 23 Twp: 9S Rng: 93W Meridian: 6

Latitude: 39.258458 Longitude: -107.744450

Footage at Surface: 1300 FNL/FSL FSL 650 FEL/FWL FWL

11. Field Name: Buzzard Creek Field Number: 9500

12. Ground Elevation: 7599 13. County: MESA

14. GPS Data:

Date of Measurement: 08/25/2010 PDOP Reading: 3.0 Instrument Operator's Name: Kyle Tesky, SGM Inc.

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: 1431 ft

18. Distance to nearest property line: 641 ft 19. Distance to nearest well permitted/completed in the same formation: 350 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#: 20050062

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 lease description.

25. Distance to Nearest Mineral Lease Line: 650 ft 26. Total Acres in Lease: 1309

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#400091204.

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-Delta 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

API NUMBER

05 077 10110 00

Permit Number: _____ Expiration Date: 10/26/2012

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) 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 210 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400091409	FORM 2 SUBMITTED	LF@2542887 400091409
400091437	30 DAY NOTICE LETTER	LF@2542888 400091437
400091438	TOPO MAP	LF@2542889 400091438
400091439	LEGAL/LEASE DESCRIPTION	LF@2542890 400091439
400091522	WELL LOCATION PLAT	LF@2542891 400091522

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Added Niobrara formation per HK.	10/18/2010 2:29:52 PM
Permit	Requesting the operator add the target formation Niobrara to this application.	10/18/2010 9:01:18 AM

Total: 2 comment(s)

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