

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:

400282627

Date Received:

05/12/2012

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 ☐

PluggingBond SuretyID

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: Julie Webb Phone: (616)813-5063 Fax: (303)298-8251

Email: jwebb@progressivepcs.net

7. Well Name: BCU Well Number: 15-431

8. Unit Name (if appl): Buzzard Creek Unit Number: COC 47597A

9. Proposed Total Measured Depth: 8451

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 14 Twp: 9S Rng: 93W Meridian: 6

Latitude: 39.272620 Longitude: -107.744890

Footage at Surface: 1197 feet FNL/FSL FSL 561 feet FEL/FWL FWL

11. Field Name: Buzzard Creek Field Number: 9500

12. Ground Elevation: 7399 13. County: MESA

14. GPS Data:

Date of Measurement: 04/28/2008 PDOP Reading: 0.0 Instrument Operator's Name: Ted Taggart

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
2150 FSL 330 FEL 2150 FSL 330 FEL
Sec: 15 Twp: 9S Rng: 93W Sec: 15 Twp: 9S Rng: 93W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 700 ft

18. Distance to nearest property line: 308 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 762 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	369-5		
Williams Fork	WMFK	369-5		

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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):

See previously submitted lease description on original APD. Lease Description on orig. APD: Sec. 14: Pt. of W/2SW,SESW,SWSE Sec. 15: Pt. of E/2SE. Sec. 21: W/2NE,NE/NW.

25. Distance to Nearest Mineral Lease Line: 330 ft 26. Total Acres in Lease: 205

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: 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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	55	0	60	200	60	0
SURF	12+1/4	8+5/8	24,32	0	2,200	740	2,200	0
1ST	7+7/8	4+1/2	11.6	0	8,451	477	8,451	5,215

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

33. Comments I certify that all conditions in the original permit are the same. There have been no changes to land use, well construction or the lease. This pad is not built. No expansion or additional disturbance will occur. DELTA PETROLEUM IS THE SURFACE OWNER. There will not be a 30 day letter or SUA attached. Closed loop system will be used. An existing 2A, doc # 400049221, has an expiration date of 5/11/2013.#14 – GPS Data: No PDOP reading is available as per Surveyor - Control for survey was established using differentially corrected GPS from an Opus based control network. Well location was established using non-GPS conventional methods, therefore no PDOP reading was taken.

34. Location ID: 391336

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: Julie Webb

Title: Regulatory Analyst Date: 5/12/2012 Email: jwebb@progressivepcs.net

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: Thomas J. Kane Director of COGCC Date: 6/7/2012

API NUMBER

05 077 10043 00

Permit Number: _____ Expiration Date: 6/6/2014

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.

Oper to provide updated well loc. plat w/ GPS survey readings & dev. drlg. plan prior to spud.

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

2) NEW MAMM CREEK FIELD NOTICE TO OPERATORS APPLIES TO THIS WELL. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

3) COMPLIANCE WITH THE NOTICE TO OPERATORS DRILLING WELLS IN THE BUZZARD, MAMM CREEK, AND RULISON FIELDS, GARFIELD COUNTY AND MESA COUNTY – PROCEDURES AND SUBMITTAL REQUIREMENTS FOR COMPLIANCE WITH COGCC ORDER NOS. 1-107, 139-56, 191-22, AND 369-2 (JULY 8, 2010) -- IS REQUIRED. SEE ATTACHED NOTICE.

4) 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 210 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400282627	FORM 2 SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Spacing order 369-5 established unit setback of 100'. Added lease description from orig. APD. No LGD or public comment. Final Review--passed.	3/7/2012 9:02:15 AM
Permit	If location not built by 2A expiration of 5/11/2013, operator notified that refile form 2A must be submitted and approved prior to pad construction.	3/4/2012 8:35:34 AM
Permit	Input "this pad is not built" into comments per operator.	5/15/2012 9:53:04 AM

Total: 3 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)